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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS. SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XV. CHICAGO AND NEW YORK, NOVEMBER 24, 1904. No. 365.

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DR. GALLOWAY, fine mid-season white.
CLEMENT NE TOUSET, big early white.
REVEIL A'BEGLES, big early yellow.
ROI d' ITALIE, second early yellow.

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DR. GALLOWAY, mid-season incurving white.
MLLE. JEANNIE NONIN, very late white, winner of the sweepstakes and silver cup at Chicago as best new 'mum of the year. These three sorts are marvelously fine commercial varieties in pure white, NONIN probably ranking as the finest 'mum extant, regardless of date of blooming. Besides these are

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ROI d' ITALIE, early commercial yellow.
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THE CHICAGO EXHIBITION

The attendance at the Chicago exhibition increased steadily toward the end of the week and Saturday night brought a crowd which packed the halls to their fullest capacity. The attendance has been, on the whole, fully up to the expectations of the management and, coupled with expenses below those of recent years, has made the show a financial success. Artistically the exhibition was very good indeed in point of arrangement, Manager George Asmus being entitled to the highest commendation for the very excellent disposition made of so great a quantity of material that it was all the more to his credit that the several halls appeared so well. Much of the stock failed of the display necessary to bring out its good points, but this was wholly due to lack of space. This is resulting in an agitation which it is to be hoped will take form in Chicago having a real flower show next year. Chicago had a real show this year except for space. The same material, and the same good work, with the Coliseum next year will result in the greatest flower show ever held in this country, and with a popular price and favorable weather like that of last week the attendance should run far into the tens of thousands.

The table decorations proved to be one of the most attractive features of the show, but here, too, the effect was somewhat impaired by lack of space, necessitating smaller tables than the exhibitors had expected to use. These decorations were all of the very highest quality, including chrysanthemums, roses, carnations, orchids, sweet peas, etc., and probably do as much if not more than any other feature of the show to stimulate the people who attend to buy flowers.

The carnation display staged on Thursday was one of unusual extent and quality. At the close of the week the professional interest centered in the seedlings exhibited. In chrysanthemums the growers took an instant liking to Mlle. Jeannie Nonin, exhibited by the E. G. Hill Co. It was easily ahead of everything else in the seedling classes. It is a very large round white bloom on a strong stem, stiff necked and with foliage right up to the bloom. The center is perfectly full. The flower is of the Timothy Eaton character, but the exhibitor stated that Eaton is well past before this variety is ready to cut.

Of the seedling carnations, No. 93, exhibited by the Mt. Greenwood Cemetery Association, attracted the most attention. It is in the Scott shade of pink, just a shade darker than Fiancee, well formed and very promising. My Maryland, white, exhibited by H. Weber & Sons, attracted much favorable comment. Another sort which impressed the growers very favorably was Victory, exhibited by Guttman & Weber. The flowers came all the way from Long Island to be staged on Thursday and were as fresh as anything in the hall when the show closed Saturday night. Fred Burki, the new white exhibited by John Murchie and S. S. Skidelsky, was also well thought of by the growers. It maintains its reputation earned last season. Eclipse, shown by Dorner & Sons Co., was also well liked and promises to be largely planted next year, with that firm's last season's introductions, The Belle and Lady Bountiful, which have come to be the leading whites. Dorner & Sons also brought a number of seedlings, among which were several which will be given a thorough trying out. One of them is a scarlet and another a light pink of the Enchantress order. W. C. Hill, of Streator, brought a vase of his light pink sport of Lawson, which a great many liked. J. E. Haines, of Bethlehem, Pa., sent fine blooms of the scarlet named for himself and of Imperial, a very long-stemmed variegated sort. The Chicago Carnation Co. showed Illinois, a scarlet raised by W. N. Rudd, which has stems of exceptional length. Geo. Von Qualen, of East Orange, N. J., also sent a vase of seedlings and there were a number of other exhibits, including several seedlings raised by Bassett & Washburn.

One exhibit which was a winner without being entered for competition was the mirror pond bordered with pansies put up by A. A. Sawyer, of Oak Park. Another was E. Wienhoeber Co.'s vase of Fiancee staged to show the color under artificial light. F. R. Pierson Co.'s exhibit of the Tarrytown fern also attracted much comment from the ladies. Mr. Fotheringham, who was present, was kept busy answering questions about it.

In the carnation classes for fifty blooms the awards were as follows:

White Cloud, Emil Buettner first, Poehlmann Bros Co. second.

Lorna, Poehlmann Bros. Co. second; no first.

Norway, Bassett & Washburn first.

Wolcott, E. Buettner first, J. D. Thompson Carnation Co. second.

"Any other white," F. Dorner & Sons Co. first, Thompson Carnation Co. second, each with Lady Bountiful.

Adonis, Wietor Bros. first, Thompson Carnation Co. second.

Estelle, Wietor Bros. first, Thompson Carnation Co. second.

"Any other red." Chicago Carnation Co. first, with Cardinal; Thompson Carnation Co. second, with Flamingo.

Harlowarden, Chicago Carnation Co. first, Poehlmann Bros. Co. second.

Harry Fenn, E. T. Grave first, Thompson Carnation Co. second.

Enchantress, E. T. Grave first, Chicago Carnation Co. second.

Lawson, Chicago Carnation Co. first, Poehlmann Bros. Co. second.

Fair Maid, Chicago Carnation Co. first.

Mrs. E. A. Nelson, Thompson Carnation Co. first, W. J. & M. S. Vesey, second.

Morning Glory, E. Buettner first, Bassett & Washburn second.

"Any other" pink of Daybreak class, M. Winandy second, on Higinbotham; no first.

"Any other" pink of Scott class, Chicago Carnation Co. first, with Fiancee; E. T. Grave second, with Dorothy.

"Any other" pink of Lawson class, Thompson Carnation Co. first, with Nelson Fisher; W. J. & M. S. Vesey, second, also with Fisher.

Mrs. Bradt, Poehlmann Bros. Co. first.

Prosperity, Poehlmann Bros. Co. first, W. J. & M. S. Vesey second.

"Any other" striped, Thompson Carnation Co. first, W. J. & M. S. Vesey second, each with Mrs. M. A. Patten.

Dorothy Whitney, Chicago Carnation Co. first.

"Any other" yellow, Chicago Carnation Co. second, with No. 5; no first.

The following are the awards for twenty-five blooms of introductions of 1904:

White, Thompson Carnation Co. first, on The Belle; E. Buettner second, on Lady Bountiful.

Pink of Scott class, E. Buettner second, on Indianapolis; no first.

Pink of Lawson class, Thompson Carnation Co. first, W. J. & M. S. Vesey second, each with Nelson Fisher.

Red, Anton Then first, with Crusader; Henry Wehrmann second, with Flamingo.

"Any other color," Thompson Carnation Co. first, with Mrs. Patten.

A first was also awarded to the Thompson Carnation Co. in class 104 for Enchantress, the list not stating "introduction of 1904," but this was palpably an error, the group being headed "new varieties."



A Part of the Carnation Classes at the World's Fair Flower Show.

In the classes for 100 blooms the awards were as follows:

White, Chicago Carnation Co. first, with Lady Bountiful; John Breitmeyer's Sons, Detroit, second, with White Lawson.

Pink of Daybreak class, Thompson Carnation Co. first, Poehlmann Bros. Co. second, each with Enchantress.

Pink of Scott class, Chicago Carnation Co. first, with Fiancee; M. Winandy second, with Guardian Angel.

Pink of Lawson class, Poehlmann Bros. Co. first, Chicago Carnation Co. second, each with Lawson.

Crimson, Chicago Carnation Co. first, with Harlowarden; Thompson Carnation Co. second, with President.

Red, Thompson Carnation Co. first, with Robert Craig; E. G. Hill Co. second, with Cardinal.

Variegated. W. J. & M. S. Vesey first, with Glendale; Thompson Carnation Co. second, with Mrs. Patten.

Sweepstakes for best 100 blooms of above, first to Chicago Carnation Co. for Fiancee; Poehlmann Bros. Co. second, for Lawson.

The seedlings were shown on Friday. The awards were:

Best white, My Maryland, exhibited by H. Weber & Sons, Oakland.

Best red, Robert Craig, exhibited by Thompson Carnation Co.

Best pink, No. 93, exhibited by Mt. Greenwood Cemetery Association.

Best "other color," Glendale, exhibited by W. J. & M. S. Vesey.

Sweepstakes, best of above, No. 93.

Some of seedlings were scored as follows: My Maryland, 85; No. 93, 87; Glendale, 85.

In the classes for seedling mums, the premium for white and the sweepstakes were awarded to the E. G. Hill Co. for a very fine variety of Eaton type but later, Mlle. Jeannie Nonin. H. W. Buckbee was given first for a yellow, No. 5.

Eli Cross made the only exhibit of violets and was awarded first premium.

On Saturday floral arrangements were shown. H. G. Selfridge was first for basket of orchids, W. J. Smyth second. H. C. Rowe was given a special prize. All three were superb.

Muir was first for bride's bouquet, H. E. Klunder second.

Muir was first for basket of roses, H. C. Rowe second.

E. Wienhoeber was first for basket of carnations, H. C. Rowe second.

H. E. Klunder was first for corsage bouquet, H. C. Rowe second.

Henry Wittbold was first for fern filled jardiniere.

The judges made the following special awards:

To Guttman & Weber, a certificate of merit for Carnation Victory.

To F. Dorner & Sons Co., honorable mention for seedling carnations.

To W. J. Palmer & Son, Buffalo, for Carnation Red Lawson.

To Muir, C. A. Samuelson, W. J. Smyth, Joseph Curran and Mangel, honorable mention for the table decorations which were a feature of the show.

To F. R. Pierson Co., certificate of merit for Piersoni elegantissima.

To John Scott, certificate of merit for Nephrolepis Scottii and also for display of decorative plants.

To Mrs. Pullman, certificate of merit for group of decorative plants.

To the West Parks, certificate of merit for group of decorative plants.

To Lincoln Park, certificate of merit for Boston fern and for Polypodium subauriculatum; honorable mention for cyclamen.

NEW YORK SHOW NOTES.

Dr. Hexamer, of the American Institute, was the happiest man at the close of the big show, November 17. He had orders in his pocket for over half of the entire space for exhibits at the New York flower show of 1905, which he declares will be "double that of the present year" and this was "the finest ever held in this country." This was the verdict of F. R. Pierson, Arthur Herrington and several others who attended the World's Fair show and returned in time to make just comparisons.

W. E. Maynard is the secretary of the new society, which is to be known as the National Association of Gardeners. He announces forty charter members and prophesies a membership before spring of over four hundred. The members will include superintendents of conservatories and cemeteries, gardeners, trade florists and amateurs and great enthusiasm is felt concerning the organization and its future.

Next year's flower show will exceed anything ever attempted in America. It will be held earlier, larger prizes will be given, immense exhibits of roses and carnations are assured and no expense or effort will be spared to make it the greatest in the country's history.

The fine display of carnations made at the New York Florists' Club's meeting Monday evening was transferred to the American Institute exhibition on Tuesday and added greatly to the interest of the last two days of the flower show.

The judges awarded a diploma to C. W. Ward's Carnation Robert Craig and a certificate to Lieut. Peary. A diploma was also awarded to Fiancee, from the Chicago Carnation Co., which arrived late.

Arthur Herrington blew in from St. Louis and Chicago just in time to "speed the parting guest" and to announce that even those giant exhibitions of the west could not approach the New York flower show of 1904.

J. Austin Shaw.



Chrysanthemum Easigold.

TORONTO.

The great fruit, flower and honey show of which much has been written, more has been said and for the success of which the various committees of management have exerted every effort, has come to a close and as far as the floral department of the work is concerned their efforts were not in vain. In many respects, from the florists' standpoint, this has been the most successful exhibition held in Toronto for a number of years, and from the first day until the close sensations grew fast and furious upon one another. The judges for chrysanthemums were Jos. Bennett and J. Robinson, of Montreal. Many of the classes had a large number of entries and the stock was of very uniform high quality, necessitating very close judging. Many awards were given on half points. This caused some of the exhibitors, who did not receive prizes, to feel that their stock was not fairly judged. Especially was this the case in the competition for the challenge cup offered by the Supreme Chief of the Foresters, Dr. Oronhyatekha, for a vase of thirty blooms of the variety named for him, or, as it is better known, the Yellow Eaton. The competition was between W. J. Lawrence, of Eglinton, and Miller & Son, of Bracondale, and the award being given to W. J. Lawrence, Mr. Miller vigorously protested against the judging and took so much exception that Wednesday morning he took a force of men to the hall and removed his whole exhibit.

The manager of the floral department of the T. Eaton Co., imported from the United States a quantity of mums and roses and exhibited them in competition with home-grown stock. It has always been a rule that stock must be exhibited by the grower only, except in two or three open classes, but this rule was, through some oversight, left out of the premium list this year. So vigorous have been the kicks against it that it will not likely occur again.

In the carnations the number of first prizes won by Chas. Turp, a new exhibitor, caused some surprise but the stock exhibited was worth all it got, and it is freely conceded that the carnations were the finest exhibit ever put up in Toronto at this time of the year. In the roses the Dale Estate showed some exceptionally fine



Exhibit of A. C. Greiner, of St. Louis, at the World's Fair Flower Show.

stock, and as usual Fendley's violets showed up to good advantage.

In design work W. Sewell, foreman and designer for J. S. Simmons, entered in his own name and beat his employer for the coveted red ticket for the special design of the show. The anchor was an ideal ship anchor with chain and was a very fine piece. In the baskets and table pieces the competition was keen and much was left to the taste of the judge. J. McKenna, of Montreal, acted as judge of the roses, carnations, and design work. In plants the display was not as large as was hoped for but the quality of the exhibits made up the deficiency in number. Three beautiful displays of orchids were much admired. In the fruit and honey section the display was large and the demonstrations and lectures given in connection therewith were most interesting and instructive. The show was well attended by out-of-town visitors.

The following is the full list of first awards:

On chrysanthemum plants, Exhibition park was first for one specimen, Allan Gardens for one standard, for three specimen yellow, twelve single stems, twenty-five single stems, Steele, Briggs Seed Co. for three specimens white and three pink. Manton Bros., Grsinger Bros. and E. B. Osler won the seconds with the above.

On miscellaneous plants Allan Gardens won first for group of plants, and for six flowering plants, Exhibition park for group including mums, for display of orchids, for three orchids and one orchid in flower, for palm and for twelve palms. Manton Bros. were first for fifty ferns, twenty-five ferns, six callas, six ferns and one fern. T. Eaton Co. was first for six cyclamen. Gammage & Son were first for six begonias. Other premium winners in these classes were Grainger Bros., W. Jay & Son, W. Rook, E. B. Osler, W. Hill and H. H. Fudger.

On cut chrysanthemum blooms the awards were: Twenty-five varieties, first, Gammage & Son; second, Manton Bros.; third, J. H. Dunlop; fourth, Miller & Son. Twelve varieties, first, Gammage & Son; W. Lawrence and J. H. Dunlop tied for second; fourth, Manton Bros. Twenty-five, any varieties, first, W. Lawrence; second, Miller & Son; third, J. H. Dunlop; fourth, Gammage & Son. Twelve, one variety, first, Gammage & Son; second, Miller & Son; third, W. Lawrence; fourth, J. H. Dunlop. Six varieties never before exhibited in Ontario, first, J. H. Dunlop; second, Gammage & Son. Six T. Eaton, first, T. Eaton Co.; second, W. Lawrence; third, Miller & Son; fourth, J. H. Dunlop. Col. Appleton, first, T. Eaton Co.; second, Miller & Son; third, H. H. Dunlop; fourth, Gammage & Son. Dr. Oronhyatekha, first, T. Eaton Co.; second, Miller & Son; third, W. Lawrence; fourth, Gammage & Son. White, Eaton excluded, first, Steele, Briggs Seed Co.; second, J. H. Dunlop; third, Gammage & Son; fourth, W. Lawrence. Pink, first, W. Lawrence; second, J. H. Dunlop; third, T. Eaton Co.; fourth, Manton Bros. Yellow, Appleton and Oronhyatekha excluded, first, J. H. Dunlop; second, W. J. Lawrence; third, Gammage & Son; fourth, T. Eaton Co. Crimson, first, Gammage & Son; second, T. Eaton Co.; third, Miller & Son.

On ten cut blooms of roses the awards were: Perle, first, J. H. Dunlop. Bride, first, Dale Estate, Brampton; second, W. Lawrence; third, Gammage & Son. Bridesmaid, first, Dale Estate; second, W. Lawrence; third, Gammage & Son. Meteor, first, Dale Estate; second, J. H. Dunlop; third, W. Lawrence. Mrs. Pierpont Morgan, first, Dale Estate; second, T. Eaton Co. Golden Gate, first, Gammage & Son; second T. Eaton Co. Ivory, first, W. Lawrence; second, Gammage & Son; third, T. Eaton Co. Canadian Queen, first, Dale Estate. "Any other variety," first, T. Eaton Co.; second, Dale Estate; third, W. Lawrence; fourth, J. H Dunlop. American Beauty, first, Dale Estate; second, J. H. Dunlop; third, Gammage & Son. New varieties, introductions 1904, first, Dale Estate; second, J. H. Dunlop; third, W. Lawrence. Vase of fifty roses, arrangement to count in judging, not necessarily grown by exhibitor, first, Dale Estate; second, Jay & Son; third, J. S. Simmons; fourth, J. H. Dunlop. Best vase American Beauties, first, Dale Estate; second, T. Eaton Co.

For twenty-five cut blooms of carnations the awards were: White, first, Charles Turp; second, Dale Estate; third, J. H. Dunlop; fourth, W. Fendley, Brampton. Red, first, Dale Estate; second, W. Fendley; third, Manton Bros. Light pink, first, Charles Turp; second, Dale Estate; third, W. Lawrence; fourth, W. Fendley. Dark pink, first, Dale Estate; second, C. Turp; third, J. H. Dunlop; fourth, W. Lawrence. Yellow, first, Dale Estate; second, C. Turp; third, J. H. Dunlop. Fancy, first, C. Turp; second, Dale Estate. Fifty blooms one variety, first, Dale Estate; second, C. Turp; third, J. H. Dunlop; fourth, W. Fendley. Fifty blooms any varieties, with any foliage, arrangement to count, first, C. Turp; second, Dale Estate; third, J. H. Dunlop; fourth, J. S. Simmons. New varieties, introductions 1904, first, C. Turp; second, Dale Estate.

Double violets, first, W. Fendley; second, Charles Fendley; third, Manton Bros. Single violets, first, W. Fendley; second, W. Lawrence; third, Charles Fendley.

Hand bouquet, first, J. S. Simmons; second, W. Jay & Son; third, J. H. Dunlop.

Funeral design, standing anchor, first, W. J. Sewell; second, J. S. Simmons; third, W. Jay & Son; fourth, J. H. Dunlop.

Basket of mums, first, J. H. Dunlop; second, J. S. Simmons; third, W. Jay & Son.

Basket any flowers, first, J. S. Simmons; second, J. H. Dunlop.

Flat basket of mums for table decoration, first, J. S. Simmons; second, J. H. Dunlop; third, W. Jay & Son; fourth, Manton Bros.

Independent Order of Foresters challenge cup won by W. J. Lawrence.

Certificates awarded to F. C. Miller & Son for Chrysanthemum F. C. Miller; to W. Lawrence, Eglinton, for Chrysanthemum Eglinton.

INDIANAPOLIS.

The Indiana State Florists' Association held its monthly meeting November 15 and in connection therewith gave a chrysanthemum show which was free to the public. The stock shown in mums, roses and carnations was of a very high quality and those winning the premiums deserved them fully.

The E. G. Hill Company sent over two of their new roses, Richmond and Rosalind English, which showed up very well and were awarded certificates of merit. Certificates of merit were also awarded to Baur & Smith for a fine vase of 100 Carnation Indiana Market, a vase of fifty Beatrice and a vase of fifty Flambeau. To R. Witterstaetter on Carnation Mrs. J. A. Valentine and No. 1021 B; to the E. G. Hill Company on Carnation Cardinal. All the above attracted much attention.

On twelve white mums the E. G. Hill Company took first with grand Eatons, E. A. Nelson second. On twelve yellow Baur & Smith took first with Appleton, which were very finely finished and of good size; J. Grande second. On twelve pink G. Teilmann took first with Dr. Enguehard; N. Smith & Son second. On twelve red E. A. Nelson took first, no second. On twelve novelty the E. G. Hill Company took first with a fine high built white.

In the rose classes for twenty-five blooms J. A. Rieman took first on white. E. A. Nelson took first on pink, J. Rieman second. J. Rieman took first on red. E. A. Nelson took first on "any other color" with Gate. F. Harritt took first on ten American Beauty.

In the carnation classes, twenty-five blooms, the Chicago Carnation Company took first on pink with Fiancee, W. W. Coles second. On light pink Mr. Coles was first, no second. On red Mr. Coles was first, Mr. Nelson second. The premium on white was withheld.

On 100 double violets Smith & Young took first with a fine lot of Marie Louise. On 100 single violets Stuart & Haugh took first and J. Hartje second. The best display of blooming pot plants was put up by Henry Rieman, his Lorraines being very fine indeed. A. B.

DOBBS FERRY, N. Y.

The fifth annual exhibition of the Dobb's Ferry Horticultural Association was held in the old Catholic church Friday and Saturday, November 11 and 12, and proved a great success. The competitions were more numerous than ever and the exhibits were of the highest quality. Wm. McFarland, of Scarboro, and Peter McDonald, of Yonkers, were the judges and the exhibitors were well pleased with their work. The following is a list of some of the prize winners:

Three decorative plants, first Stephen Bradley, second Henry Kastberg. Twelve mums, four varieties, first Joseph Howarth, second Thomas A. Lee. Six mums, three varieties, first John Henry, second Anthony Fallon. Twelve mums, twelve varieties, first Joseph Howarth, second Robert Boreham. Six mums, six varieties, first T. A. Lee, second Claud Wilson. Three yellow, first Joseph Howarth, second Robert Boreham. White, first Joseph Money, second Joseph Bradley. Pink, first Joseph Bradley. Red, first Mr. McCrea, second Anthony Fallon. Collection of pompons, first Henry Kastberg. Vase of twelve blooms, first Joseph Bradley, second L. A. Martin. Six plants chrysanthemums grown to single stem, first T. A. Lee, second H. Kastberg.

Table of foliage plants, first Stephen Bradley, second Robert Boreham. Best fern, first R. Boreham, second John Fisher. Palm, group of foliage plants, and Asparagus Sprengeri, first Joseph Bradley. Group of chrysanthemums, first Henry Kastberg, second T. A. Lee.

Six pink roses, first L. A. Martin, second

John F. Dorsey. Yellow, first J. F. Dorsey, second Stephen Bradley. Red, first J. F Dorsey, second L. A. Martin.

Three flowering plants, first H. Kastberg, second Claud Wilson. Six white carnations, first W. R. Rapp, second A. Fallon. Variegated, first John Henry, second F. Reynolds. Pink, first Alfred Kneifel, second F. Reynolds. Scarlet, first John Henry, second A. Fallon. "Any other color," first G. McCrea, second A. Fallon.

Fifty single violets, first A. Kneifel, second H. Kastberg. Fifty double violets, first Claud Wilson, second R. Boreham. Table decoration, first Joseph Bradley, second Claud Wilson.

John Breitmeyer's Sons, Detroit, staged two new chrysanthemums, Adelia and Majestic, both whites, and were awarded a certificate of merit for each. John Cook staged a pink variety which was admired by all who saw it, not named. F. R. Pierson Co., of Tarrytown, staged the new fern, Tarrytown, and were awarded a certificate of merit.

There was also a large display of vegetables. J. Bradley.

POUGHKEEPSIE, N. Y.

The flower show given by the Dutchess County Horticultural Society at the State Armory outclassed all previous exhibitions in beauty and variety and still it was not a financial success, as the management reported a loss of about $300. The cut flowers and plants were arranged with much taste and judgment and the scene as a whole elicited unqualified praise from spectators. One of the features that was most admired was the decoration of three dinner tables. Smith Bros. and W. G. Saltford had fine centerpieces.

The carnations shown by Valentine Burgevin were extra fine. The prize for best violets went to Benjamin Willig. John Scott was given a certificate for Nephrolepis Scottii and the F. R. Pierson Co. for Nephrolepis Piersoni elegantissima. T. De Voy & Son were recognized for their new geranium. Most of the exhibits were from, and the awards to, the private growers of the neighborhood.



ROSES

PROPAGATING.

The Choice of Wood.

To the careful and intelligent selection of wood suitable for propagating purposes can be ascribed much of the success attending the efforts of our most successful growers. That the blooming qualities, vitality and other characteristics of the plant can be perpetuated and largely improved by careful and discriminate selection of the wood used is beyond the question of a doubt and when this system is rigidly adhered to from year to year the stock, instead of deteriorating, all other conditions being equal, is certain to improve and this often constitutes the difference between success and failure.

The question of using flowering stems for propagation has yet many advocates but, while seemingly possessing some merits, is at least a very expensive method, as few of us would care to sacrifice so much bloom at the season when prices are at their best.

Having for years practiced taking a part of my wood from flower stems in order to compare it with stock propagated from blind wood and persisted in always taking the flower stems from those plants propagated from such I found that after the second propagation that such varieties as Meteor, Perle and Kaiserin refused to make sufficient wood to be designated a "bush," merely throwing up a strong stem and when that was cut, producing just such another without the slightest tendency to develop more than one eye at a time.

By selecting good, stout blind wood from the upper part of the bush, where it is exposed to sunshine and the free circulation of air, we have an article which, if it is of the proper condition of ripeness, will root easily and under ordinary treatment make a plant which no grower need be in the least afraid to handle.

When taking the wood great care should be used so that no wood may be cut from any plant the leaves of which are off color or which in any way shows signs of weakness, avoiding also those plants which are in hot corners or in shady places, as the wood from such stock is weak and is certain to bring trouble.

Immediately after being cut the wood should be immersed in water to prevent wilting, as the least wilt is almost fatal, for even if the cutting does root it will take a much longer time and consequently lose in vitality.

The style of cutting likely to form roots in the shortest time and make the thriftiest bush is also a matter of consequence and deserves a deal of consideration, the different varieties according to their habit of growth requiring special styles of cuttings. Bride, Maid and varieties of like habit do well from a cutting with three eyes, one of which should be at the heel, thus giving one strong cane from as near the root as possible. Meteor and Liberty should also be encouraged to produce canes from such an eye, as after being once cut these canes produce the best flowering stems.

Such varieties as Perle and Sunrise, if treated in a similar way, are apt to produce plants which give crops of bullheads, so that in selecting wood for propagating these varieties a less robust growth is desirable. In making the cutting there is no necessity to retain the eye at the heel and to prevent an extra strong development of any eye it is better to have at least three on each cutting.

Ivory, Golden Gate and Chatenay, which possess the character of sending up strong root canes, should be treated in a similar way as that recommended for Meteor and Liberty. Ribes.

CHRYSANTHEMUM EASIGOLD.

The illustration on page 6 shows Chrysanthemum Easigold, raised by F. W. Fletcher, Auburndale, Mass. It is a seedling of J. E. Lager and looks like a yellow J. H. White. It is in season October 8 to 12, takes the market well and is likely to be a valuable commercial sort. The name is certainly all right for such a variety. W. N. C.

A DIAGNOSIS.

We have sent you some chrysanthemum plants which are diseased. We should be very glad to be told what is the matter with them and what to do, or not to do, in the future to avoid the trouble. M. & C.

The plants reached me in poor condition and I imagined that they had been fed with a heavy dose of fertilizer. The grower will know from the system of culture whether I am right in the diagnosis. The leaves of the plants looked as though they were scorched, a condition I have noticed on plants after they have had a strong dose of chemical fertilizer like sulphate of ammonia. If the trouble has not been caused by feeding it is one of the different forms of leaf spot which is due primarily to an atmosphere overcharged with moisture. This can be held in check in the early stages by careful watching and spraying affected plants with Bordeaux mixture or potassium sulphide. Brian Boru.

TROUBLE WITH VARIETIES.

Can you give me the reason why Timothy Eaton came so flat on top? Mildred Ware has come very loose and poor that year and Mary Inglis would resemble a big sunflower. Can you give reasons?

X. L. A.

Timothy Eaton comes quite flat on top very frequently when the crown bud is taken. On a late crown or terminal bud the center builds up much better and the flower is neater in appearance though not so large in size.

Mildred Ware has been a disappointing variety this year and I am afraid it will not develop into a useful variety. It is one of the very best Japanese in England, but that seems no indication as to its value here. Difference in climatic conditions is undoubtedly responsible.

I am surprised to hear of Mary Inglis coming single. Any flowers I have seen set up of this variety have been very fine with no indication of an eye. I am inclined to think that this grower took a late bud. Try it on a crown bud, as near the middle of August as you can get it, and I think there will be no trouble with it. Brian Boru.

JAMES WHEELER.

James Wheeler, the new vice-president of the Chrysanthemum Society of America, was born at Britford, near Salisbury, Wiltshire, England, in a district famous for high-class hams and bacon as well as for good gardens, on February 7, 1865. In November, 1876, when only a boy of twelve, he commenced his horticultural career in the well known gardens of Longford Castle, the property of the Earl of Radnor, first working for three years under his father, who was foreman of the extensive flower garden and pleasure grounds for twenty-seven years. He next worked in the kitchen garden for one and a half years, following this with an apprenticeship of two years in the greenhouses under H. W. Ward, one of the best practitioners of that day and now an extensive market grower for the London market.

After leaving Longford Castle, he went north and worked for two years under John McIntyre, Woodside, Darlington, in the county of Durham on the estate of Mrs. Gurney Pease. Mr. McIntyre was one of the best growers of specimen plants in the north and won many prizes at the exhibitions. After leaving Darlington, he sailed for America, arriving at Boston in March, 1885. He worked at the one-time famed estate of S. R. Payson, Belmont, for two years as foreman, and for eight months as head gardener, leaving there in October, 1887, to take the superintendency of the Joseph H. White estate, Brookline, Mass., where he is still located

Mr. Wheeler has been a member of the Massachusetts Horticultural Society for a number of years and has been a member of the plant and flower committee for several years. He is also a member of the committee of arrangements, in which capacity he renders the society much valuable service. He has been one of the largest and most successful exhibitors of cut flowers and plants during the greater part of his stay in Brookline. He has served on the Boston committee of the C. S. A. since its inception. As a seedling raiser he has been quits successful, J. H. White, a good white variety, and Mrs. J. H. White, crimson, being two of his best.

The Boston Gardeners' and Florists' Club has always found a staunch supporter, even in its darkest days, in Mr. Wheeler and will undoubtedly prosper under his presidency, to which he was elected November 15. Perhaps it may interest some to know that the subject of this sketch is both a total abstainer and a non-smoker, as well as a good churchman. We do not believe he is given to athletics, bowling or shooting and cannot be in any sense classed as a "sport"; he is a good family man, a good gardener and a credit to his calling.

W. N. CRAIG.



James Wheeler.
(Vice-president Chrysanthemum Society of America and President Gardeners' and Florists' Club of Boston.)

CARNATIONS

RAISING SEEDLINGS.

Is it Profitable?

I have been asked many times by visitors at our greenhouses, after looking over the beds of seedlings in their various stages, whether it really pays to raise seedlings, and often we are asked as to how the fertilizing is done, etc. To the first question we always answer, "Yes and no." If you raise a ten-thousand-dollar variety every few years and a few of lesser value between, then it pays handsomely, but if you raise a lot of seedlings haphazard and save every one that is not absolutely worthless and fill your beds with them year after year you will most certainly lose money on the operation. That it pays those who go at it systematically and with perseverance no one can deny. As you can see if you look about, nearly every leading variety we have today was raised by some grower who makes a specialty of seedlings. Now and again we get a fine variety from some grower who hit it by chance, but they are few when compared with those offered by the specialists who raise seedlings each year and cross fertilize with a definite end in view.

That it is expensive, besides requiring unlimited patience and work, these men can tell you. They earn all they get out of it. Seedling raising, while it is fascinating is a nerve racking business. No grower meets with as many disappointments as the hybridizer and certainly no calling could require more conscientiousness nor a stronger heart than his. If you will stop to consider what a small proportion of the seedlings that are raised find their way onto the market and how few of these again prove worth growing for profit you will get an idea of what it costs to produce a first-class variety.

Few Are Meritorious.

I am sure that I am very conservative when I say that at least 100,000 seedlings are raised each year from carefully hand-fertilized seed. Out of these perhaps one-third will be housed and given room and care the first winter, enough to plant a good-sized range of houses. About three-fourths of these are dumped and about one-fourth are tried the second year, from six to twenty of each kind, taking up more room than the first year. For the third season's trial the number of varieties is again cut down to about one-tenth while the quantity of each is greatly increased, using up at least as much room as the year before. By the fourth year, when the varieties have been thoroughly tested, it will be found that out of all those seedlings there are perhaps twenty-five that are worth disseminating and out of these perhaps one-half will be found really improvements over existing sorts. That means that perhaps one out of every 4,000 seedlings finds its way onto the market and one out of about every 8,000 is found to be really first-class. I have known men who raised many thousands of seedlings but have to their credit only one or two varieties disseminated, but I also know of men who have raised only

a few hundreds with one or more standard varieties to their credit. In fact, I know of an instance where only one seed pod was raised and one of the leading varieties for several years in its class was the result. On the other hand, one very prominent hybridizer told me recently that out of between 8,000 and 10,000 seedlings raised in 1901 he has not one that is worth growing.

Not a Small Grower's Work.

To the small grower who needs a revenue from every foot of space on his place I would say, let seedlings alone. If you can spare a few feet of space it is all right as a pastime, and it is fascinating, but unless you go into hybridizing systematically, and unless you are able and willing to devote time and space to the seedlings, you would better not dabble in them. You will not be likely to get much out of it. Then, again, the small grower is not in shape to reap his full reward, even if he does happen to strike a really fine variety, as it takes room to grow enough stock to propagate cuttings enough to be profitable. The best he can do is to sell it to some large disseminator who will usually get more out of it than the raiser. I have not written the above with a view to discourage seedling raising, but rather to show the inexperienced that seedling raising is not the bonanza that many picture it to themselves. It is pleasant to read that the stock of a certain variety was sold for $5,000 or $10,000, but when you know what amount of work and room and patience it took to get that variety it does not look so big.

A Corner in the New Store of Gude & Bro., Washington, D. C.

No Magic in Hybridizing.

There is no special trick or secret about the operation of fertilizing the bloom, as some imagine. To hybridize a bloom you merely transfer the pollen from one flower onto the pistil of another flower. In a day or two the fertilized bloom will wilt, which indicates that fertilization has taken place. Experience alone will teach you the more important points, which are the best varieties to use for seeding, what varieties will not bear seed, what varieties to use together, etc. Any bright day between now and March is suitable for the work, as there is little danger of interference from bees. After fertilizing a bloom tie it to a stake so it will not be picked or broken off and to keep it dry. After the bloom wilts split the calyx down to the stem to prevent moisture from collecting around the pod and rotting it. You will find some varieties which will not bear seed, such as Wm. Scott, Albertina, Mrs. Joost and Crocker, while others will not produce any pollen, such as Daybreak, Lorna, America and Adonis, while still a few others will be found entirely barren of either of these two qualities.

Influence of Parents.

Sometimes we read or hear it said that the one parent will have more influence on the color, while the other will influence the habit of the plants, etc., but we find that no rule can be laid down in regard to that. Some varieties have a stronger constitution than others and naturally the strong will have more influence on the seedlings than the weaker variety. For instance, two years ago we fertilized a number of blooms of a light red seedling with pollen from Gov. Roosevelt and nearly all the seedlings came crimson. The same season we fertilized a number of blooms of a light pink seedling we named Beatrice with various shades of pink and nearly all of them came light pink.

When it is possible we prefer to use varieties of the same line of color together, but of course it is not always possible. For instance, we do not like to use crimson and pink, or red and white or light pink in combination, as such crosses are apt to bring too many off colors. Sometimes, however, we run across a variety which has a fine habit and we do not hesitate to use it with varieties of all colors.

Mark the cross on a little tag and tie it to the bloom, so you will know what you have when you sow the seed. These records will also help you in selecting your crosses in the future. The seed will ripen in from six weeks to two months, according to the weather, and it can be sown as soon as it is gathered. You will notice the shell enclosing the seed turn brown when the seed is ripe. Sow the seed by the first of March, if possible, so as to have nice plants in 2-inch pots by the end of April. If you raise a large number you would best plant them in the field and lift only those that produce promising blooms, but if you have only a few hundred you can pot them into 4-inch pots about May and bloom them inside in the fall. We prefer the latter way, but if you have several thousand they would take up too much room in the fall.

A. F. J. Baur.

CARNATION NOTES.—EAST.

Complaints.

Under this head I may make what some consider very plain statements, but it is hoped they will be taken in the spirit in which they are written, as it is not the intention to berate anyone but to caution all against careless practices and help lessen the chances of misunderstanding and strained relations between grower, commission man and retailer. Complaints are very often greatly exaggerated. If care be taken to follow them up and learn the true cause the trouble appears less than on first knowledge.

Every year one hears more or less about sleepy blooms and, as a rule, report has it that the grower is at fault when, as a matter of fact, there is no proof that he is to blame, as there are many chances of injury being done between time of shipping and placing on sale. Flowers may be ever so well packed but the rough usage the packages often receive in the hands of carriers and others is sufficient to seriously impair the value of the contents. Exposure to extremes of heat or cold while en route must be taken into account but I believe careless unpacking and handling in general by those ignorant of the delicate nature of the goods has caused more trouble than is generally admitted. The same rule that applies to the placing of stems in water when cutting, should be followed at the time of unpacking and if the shipment has been over long on the road about a quarter of an inch of stem should be cut off, but not with the scissors, as has been seen done. Use a sharp knife.

Instead of selling at once, the stock should be stored for a short time in a cool, dry place free from draughts. Even an hour of this as a breathing spell is very beneficial. Some of these costly ice boxes are perfect suffocators, either having no ventilation or using the same air over and over again.

Every grower should, if possible, occasionally visit his point of outlet and acquaint himself with the manner in which his product is handled. Often a suggestion from him will prove valuable to all parties concerned.

These are a few points on one side of the question but there is another which will be treated later.

Geo. S. Osborn.

LATE PLANTED LAWSON.

We are sending a sample plant of some Lawsons that we bought and planted in September. We are at a loss to account for the foliage drying up. In fact, they have not made the least bit of growth since they were planted, none of them any more than two or three weak shoots around the stem just above the soil. We should like to have your opinion as to what is the matter with these plants. The lower branches of the plants were in this condition when they arrived but we thought they would outgrow that. We cleaned them thoroughly of all the buds and diseased foliage before we



At Gimbel Bros'., Philadelphia, During Fall Opening.
(Showing amount of stock used by Hugh Granam, the decorator.)

planted them, but they continued to get worse all the time. L. F. C.

The plant you sent showed plainly the trouble you complain of. While the plant showed several leaf spots, yet there were not enough of them to cause this drying of the foliage. I am inclined to think the primary cause is the late planting. Mrs. Lawson is a variety that is very partial to extra early planting. It does not seem to take hold and recover as readily as most varieties when it is planted late. The plants do not die outright, but they dry up like yours and possibly break at the bottom later on. These breaks, if husbanded carefully, might make strong shoots after a time, but it would be very late in the season and it would hardly pay you to trouble with them. If the beds are as bad all over as this plant I would advise you to throw them out at once and make use of the room as best you can until next April or May.

If you want to grow Lawson next season, buy strong cuttings from some grower who you feel sure will give you healthy stock about the middle of January. Pot these in thumb pots and repot into 2½-inch or 3-inch pots early in March. Between April 20 and May 10 plant them in the beds and you will be starting in to grow Lawson right.

I have repeated several times in these notes that Lawson seems to enjoy indoor culture better than any other method. I know full well that there are many growers who plant it in the field with good success, but you will find that those who do it successfully plant it very early, before August 1. It requires more care even then than most varieties during the first month to persuade it to start into strong growth. I am convniced that the best way for the average grower to grow Lawson is to plant it inside in May from pots and on a bed that gets plenty of air.

A. F. J. BAUR.

TOPEKA, KAN.—C. E. Hubbard is building another house 16x60 feet.

PUEBLO, COLO.—Mrs. J. M. Johnson, of Boulder, and S. R. Lundy, who has been employed in the trade here, have organized the Johnson-Lundy Floral Co., and have opened a neat store at 306 N. Main street.

WORLD'S FAIR FLOWER SHOW.

While all accounts for the World's Fair flower show are not yet in the hands of the executive committee, the bookkeeping has progressed sufficiently far to show that the exhibition was a most pronounced success, financially as well as otherwise. Not only will the first assessment be returned to guarantors, but it will be accompanied by a dividend of possibly as much as the amount paid on the assessment. The best feature of this is the effect it will have when it again becomes desirable to secure the united support of the trade for another undertaking of this character.

CURRENT COMMENT.

John Bertermann, of Indianapolis, who was at the World's Fair flower show and was one of those who followed the troupe to the Chicago stand, advocates a national circuit of flower shows. The only objection seems to be the short season.

C. C. Pollworth, of Milwaukee, says that he notes considerable increase in the demand for palms of sizes for growing on. He says the Boston fern is a better seller this fall than ever before. Next year he will grow a big lot of Scottii.

At the annual convention of the American Federation of Labor, which opened at San Francisco last week, there was a hot fight over seating John Mangan, who had credentials of the Gardeners' and Florists' Union, of Chicago. It was not contended, however, that the gardeners were not entitled to representation, but that Mangan is a steamfitter, not a florist, and works for the City of Chicago.

E. G. Hill has renamed his red rose, Etna, which he has decided to send out next spring under the name of Richmond. It won the silver cup at the World's Fair show as the best new rose, but was debarred from entry for the cup at Chicago by the clause in the premium list, which limited the class to varieties "never before exhibited." Obviously the interest would have been much greater if the list read "open to varieties not in American commerce." A fine vase was set up for the delectation of the growers. Mr. Hill states that his first order for stock was from his neighbors, the South Park Floral Co., New Castle, for 5,000 plants.

Peter Reinberg has two roses not known in this country. Both were from Peter Lambert. Perle von Godesberg was a Schneider introduction of 1902 and Lambert catalogues it in 1904 as "a sport from Kaiserin, blooms somewhat looser filled, center golden yellow, edge lighter; growth good, bushy; good climber and cut rose; variegates and returns to original form." The identity of the other, No. 51, pink, which was given a silver cup at the Chicago show, has been lost. Weiland & Risch are also growing Perle von Godesberg.

Late reports from London indicate that never before have chrysanthemum blooms sold at such low prices at Covent Garden. It is on record that exhibition flowers have sold for sixpence per dozen!

One of Wm. Duckham's greatest disappointments on his trip to St. Louis and Chicago was at the way the chrysanthemum which bears his name is grown in the west. He says that western growers of the variety would not recognize it as the same if they were to see



At Gimbel Bros'., Philadelphia, During Fall Opening.
(Showing amount of stock used by Hugh Graham, the decorator.)

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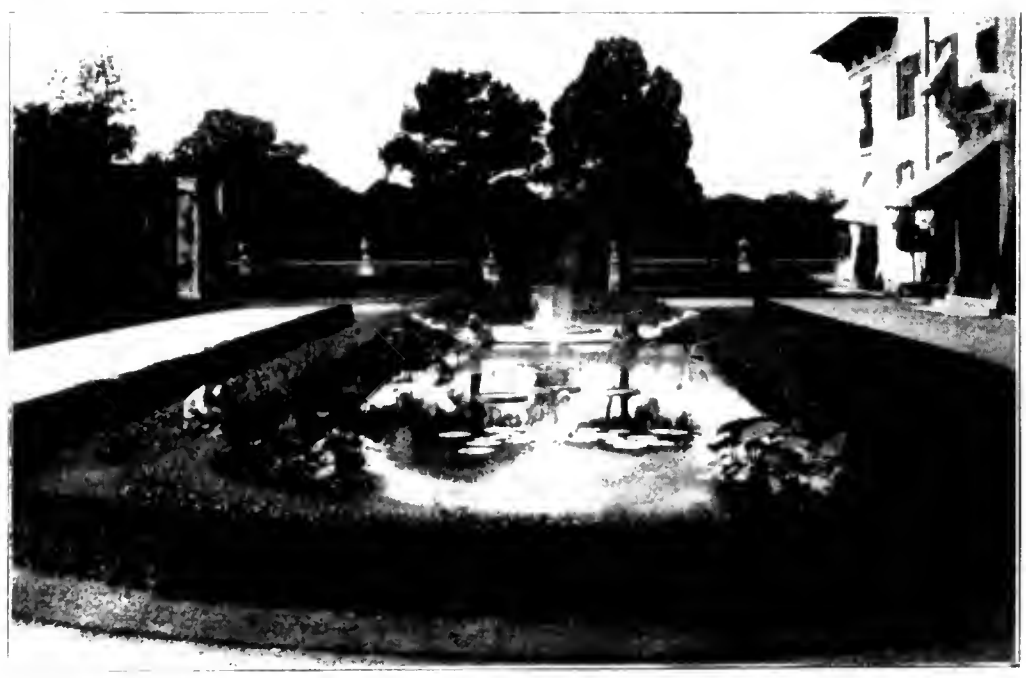
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BOSTON.

The Market.

With the lessening receipts of chrysanthemums the market continues to show a distinct improvement and there is little likelihood of any congestion from now onwards. The smaller sizes of chrysanthemums, selling at from $4 to $8 per hundred, are in active demand. The large specimen blooms are hard to move. Occasional lots sell at $3 per dozen, but more frequently have to be cleared at half that figure. There is no mistaking the fact that large blooms, however handsome they may be for window decorations, are not as popular with buyers as they were a few years ago. This is not due to any desire for cheaper flowers, but to a growing distaste for large blooms. Growers who have large lots of such kinds as Ivory, Bonnaffon, Wanamaker (now coming in extra good) and White Bonaffon have no trouble in disposing of their cuts.

American Beauties are making rather better prices. Brides are in brisk demand and rather short supply. Bridesmaids are in heavy oversupply. While the best bring fair prices, short-stemmed stock is hard to move and the fakirs secure large quantities, which they sell at "six for a dime." Liberty is selling higher, the best reaching $12.50 per hundred. Small lots of Bon Silene, Saffano, Chatenay, Kaiserin and Meteor come in.

Carnations show a hardening tendency. Select stock brought $3 to $4 the past week, ordinary grades $1.50 to $2. A few very poor flowers sold as low as $1. The Harvard-Yale foot ball game stimulated the demand for violets, prices on singles on November 18 and 19 going as high as $1.25 per hundred. First-class flowers still bring $1 and the supply seems inadequate. Stevia is coming in and sells at 25 cents per bunch. Paper White narcissus is druggy. Cypripedium insigne brings $12.50 per hundred. Short fronds of adiantum sell at 50 cents and the best grade at $1 per hundred. There is a good demand for Asparagus plumosus and Sprengeri.

There was a very poor demand for crimson chrysanthemums for the Harvard-Yale foot ball game last week. Large quantities of Shrimpton and Cullingfordii were in ice chests on November 19. Harvard's expectation of defeat apparently affected the purchases of its supporters.

Horticultural Society.

The annual election of officers of the Massachusetts Horticultural Society was held on November 19. Voting was by Australian ballot, polls being open from 12 to 4. The following officers were elected: President, A. F. Estabrook; vice-president, Dr. R. T. Jackson; treasurer, C. E. Richardson; secretary, W. P. Rich; trustee for two years, Arthur D. Hill; for three years, Geo. F. Fabyan, Warren Fenno, J. Woodward Manning, J. A. Pettigrew; nominating committee, O. B. Hadwen, Henry S. Hunnewell, John Lawrence, Dr. H. P. Wolcott and James Wheeler.

President-elect Estabrook reconsidered his earlier decision not to run and Messrs. W. W. Rawson and W. H. Spooner, the other two candidates, practically retired in his favor. Mr. Estabrook is a well known banker and a member of the Boston Stock Exchange. He has been a member of the society for a number of years and has served on the trustee board. From his fine summer residence at Swampscott, he sends numerous exhibits to the society's shows and captures many premiums. Being an ardent patron of horticulture as well as a first-class business man, Mr. Estabrook should prove just such a leader as the society needs.

At the business meeting held prior to the polling, various reports were read and accepted. The trustees recommended that the sum of $6,506 be appropriated for prizes next year and this was done. The trustees also recommended the election of the secretary and treasurer by the trustees instead of by the society in future. A motion to ask the state legislature to so amend the charter as to permit of this being done was adopted.

James Garthley, gardener to H. H. Rogers, Fairhaven, showed a plant of Chrysanthemum Victoria, a cross between Daisy and Garza, most nearly resembling the latter parent. This received a certificate of merit and should prove desirable for pot culture.

Gardeners' and Florists' Club.

The meeting of the Gardeners' and Florists' Club November 15 was well attended. Seven new members were elected, including some of the most prominent florists near Boston. J. K. M. L. Farquhar reported that a balance approximating $250 remained from the entertainment of the C. S. A. This will probably be used in March in connection with the visit of the American Rose Society.

The annual election of officers resulted as follows: President, James Wheeler; vice-president, M. A. Patten; secretary, W. N. Craig; treasurer, Edward Hatch; executive committee, J. A. Pettigrew, Patrick Welch, Harry Wilde and Samuel J. Goddard. Regret was expressed that President Pettigrew would not serve for another term. During his tenure of office a wonderful change for the better has come over the status of the club.

Robert Marshall gave an interesting account of the recent New York show and Robert Cameron described the exhibition at New Haven. W. N. Craig gave an account of a visit made with the garden committee of the Massachusetts Horticultural Society to the new estate of Commodore M. F. Plant, Groton, Conn. Remarks anent the coming visit of the American Rose Society were made by Fred R. Mathison, W. W. Edgar and J. K. M. L. Farquhar.

A discussion arose as to the size of chrysanthemum blooms in which J. W. Duncan, James Wheeler and other members took part. It seemed to be the general opinion that large blooms are not now popular either in the Boston market or on private estates. Smaller and more refined flowers are desired. While the big blooms continue to be popular at exhibitions, there can be no mistaking the fact that they have been overdone, as is evidenced by the increasing popularity of anemone, single and other neglected sections.

James Wheeler, the new president, being called upon, made a neat speech, thanking the members for the honor accorded him and predicting a grand future for the club if they would continue to pull together and give him their support.

Various Notes.

On the next field day of the Gardeners' and Florists' Club the establishments of Wm. Nicholson, S. J. Goddard and J. T. Butterworth, of Framingham, will be visited.

Wm. F. Hunter, gardener for Henry S. Hunnewell, of Wellesley, died on November 8 in his forty-fourth year. Mr. Hunter was a native of Scotland and much respected by his confreres, many of whom were present to pay their last sad respects to him at the interment on November 10.

Chrysanthemum Mlle. Jeannie Nonin, shown before the Boston committee on November 19, by the E. G. Hill Co., was much admired and has all the ear-marks of a fine commercial white. Its size should also make it valuable as an exhibition variety.

Herbert T. Capers is acting as salesman for Wilfred Wheeler at the new market.

William Sim, of Cliftondale, reports a big demand for violets. In fact he cannot fill his orders. In late chrysanthemums he considers the old Wanamaker, which he grows largely, still one of the best. White Bonnaffon he finds bruises rather easily.

Thanksgiving day, while less important than the other great holidays, occasions a good demand for flowers and prospects at time of writing are for better prices, especially in violets, carnations and red roses.

Copley Square, Boston's finest open space in the Back Bay section, is threatened with extinction so far as any further bedding out is concerned, and perpetual disfigurement, unless immediate action is taken to prevent the Boston elevated railroad from securing the space for one of its new subway stations.

Professor C. S. Sargent, through his gardener, Charles Sander, has on exhibition at Horticultural Hall this week an agave carrying a flower spike some thirty feet high which attracts considerable attention.

Begonia Gloire de Lorraine seems to be the most popular of flowering plants in pots to judge from the numbers seen in nearly all store windows. Plants retailing at $1 to $1.50 seem to be in the best demand.

W. B. Arnold, of Rockland, has invited the garden committee of the Massachusetts Horticultural Society to inspect his house of striped Lawson carnation.

In the report of the flower show Wm. Anderson, gardener to H. Dumaresq, Esq., should have been given credit for the first premium on eight specimen plants, his exhibit being especially fine. Robert Marshall was first for three specimens Japanese incurved with a splendid entry.

W. N. Craig.

ST. LOUIS.

The Market.

There is not much to say regarding the market the past week, although trade in the retail circles has been fairly active, at least so say those in the west end, who do large decorative work for weddings and receptions. Mrs. Ayers reported six decorations the past week, while her neighbors were also busy with that kind of work. World's Fair orders for cut flowers and decorations have dropped off considerably and another week will see the close of the great exposition, which brought a great deal of work of all kinds to the local florists during the seven months of its existence.

The wholesale market the past week had good supplies of almost everything in season. There was a good shipping trade, with big business for Thanksgiving day. The stock on Monday was somewhat limited, most of the growers holding off for Thursday, the big day in the cut flower line.

The Beauty crop has fallen off considerably of late and fancy stock is very scarce with orders in for more than can be supplied. The stock in other roses, such as Brides, Maids, Meteors, Liberty, Perles, Ivory and Gates the stock is looking much better than it has been, with less mildew. The demand for these is good and enough are in for the local trade.

Chrysanthemums seem on the down grade and not near as many as formerly are coming in. Fancy stock in these is becoming very scarce and another ten days will see them out of the market. Then the rose and carnation growers will be happy once more and their stock will bring a better price.

Carnations are becoming extra in quality and the demand so good as to clean up the consignments each day at fairly good prices. Some fine Enchantress, Wolcott, Joost, Estelle and Boston Market were seen Monday morning.

Violets are now in great demand and not near enough are received to supply the local florists who have standing orders. Romans, Paper Whites and lily of the valley are the only bulbous flowers in at present and they find a clear market, as demands are good for this stock. Plenty of good smilax is to be had, with demand light.

The prospects for Thanksgiving are very good at this writing, but stock is likely to be scarce, so the wholesalers say. The growers were early advised not to hold back but to ship stock right along, as prices early in the week were about as good as they will be at any time.

Various Notes.

There is every evidence of a hot time at the next meeting of the Florists' Club. The business to be transacted is of great importance to every member of the club. President Juengel will make a personal appeal to every member to be present. The membership of the club is 103. The meeting will take place on Thursday afternoon, December 10, at 2 o'clock, in Odd Fellow's building, hall No. 2.

Ostertag Bros. furnished the decorations for the big Krenning-Sutter wedding the past week. This was one of the fashionable events of the season. Henry Ostertag reports two more for this week, for which a large amount of stock will be used.

Henry Felter, on Lexington avenue, has had some extra fine chrysanthemums in pots of fine quality. Among them were Major Bonnaffon, White Bonnaffon and Mrs. Jerome Jones, which had an active demand.

John Connon, of Webster Groves, is sending in some good stock in roses and carnations.

A. Berdan, of Kirkwood, had a fine lot of Romans, Paper Whites and lily of the valley for Thanksgiving trade.

W. J. Pilcher, T. W. Ude, Sr., Charles Ude, Hugo Gross and other Kirkwood florists are sending in a good supply of California violets, for which there is a heavy demand at present.

It has been reported that Robert Tesson will again start in the growing business after the World's Fair officials vacate his greenhouses, which they have used the past eighteen months. Robert at present is working his farm in Clayton. This news will be welcome, as Robert always grew first-class stock, especially in roses.

Mr. Kalisch, who was hurt recently by the street cars, is, from last accounts, progressing nicely and expects to be out in a few days.

The Florists' Bowling Club members seem to have lost interest in the game of late and the bowling on Monday night has stopped until the busy season is over, at least until after the holidays. Messrs. Kuehn, Ellison and Beneke are rolling in the Palace league and Carl Beyer with the Western league. J. J. B.

PHILADELPHIA.

The Market.

Business last week was excellent, especially on the last two days, for chrysanthemums and violets but poor for roses. There were a number of weddings but transient trade was dull and prices drooped at times. This week has opened well, with prices advancing, especially on Beauties, carnations and violets, which are scarce. Thanksgiving orders, both in the city and out of town, are very heavy. There is an immense lot of stock in the market. The growers have learned how to do chrysanthemums at the end of November despite the mild weather. Timothy Eaton, Major Bonnaffon, Mrs. Jerome Jones, all three both in yellow and in white; Maud Dean, pink; Golden Wedding, yellow, and a few others make up the list. To these must be added the snowy white Dorothy Faust, a large, incurved, globular, Japanese variety of exquisite finish which Fred Ehret has been receiving since Monday. The Leo Niessen Co. reports heavy orders for chrysanthemums, also for carnations, of which they handle an immense number. Prices on tea roses, especially the poorer grades, are lower than in former years at this time. The scarcity of violets is most unfortunate. Many more could have been used to advantage, both Thursday of last week, when New Haven wanted more, and on Thursday of this week. Gardenias and cattleyas are both scarce. S. S. Pennock has an abundance of white orchids and some fine long stemmed heliotrope. The Cut Flower Co. has a nice lot of mignonette, which is in demand. The Leo Niessen Co. is again making a specialty of pansies, of which a great many are sold. Valley and white violets have sold well.

Business Instinct.

One of our leading commission men, commenting on the want of business instinct or sagacity displayed by many growers at a time like the present, when flowers are in demand, said that the difficulty of securing buyers for the flowers in times of plenty is forgotten and the flowers are held back just before a holiday, compelling the wholesaler to waste precious time, to say nothing of money, telephoning and sending for stock when he should be filling his orders. The wholesalers are the growers' representatives. They understand how to sell flowers better than the growers do, just as the growers understand how to grow flowers better than the wholesalers do. Every grower should keep his wholesaler posted on what stock he is to have and ship it as required.

Various Notes.

Charles F. Edgar will next Monday commence work with Berger Bros.

The trio of bowlers with Samuel S. Pennock, C. J. Watson, R. G. Sheigley and Charles Gray, again defeated the trio with J. J. Habermehl's Sons, last week, winning three games out of four on uptown alleys.

The scene at Bayersdorfer & Co.'s this week is full of animation. In the courtyard large drays loaded with cases, clerks hurrying about selecting stock for orders, customers coming and going, the members of the firm taking and filling orders and directing their assistants with business like precision.

Henry I. Faust, of Merion, is sending heavy shipments of Maud Dean, Golden Wedding and a Deven-like white, sold in bunches of twenty-five sprays (nota bene, Robert Kift), as well as of his beautiful Dorothy Faust to Fred Ehret. He is, in truth, keeping that active commission man on the jump to dispose of it all.

George Carpenter is sending fine pink and red bouvardia to William J. Baker.

William J. Muth reports that the Cut Flower Co. is already receiving large orders for holly.

A. Farenwald, of Hillside, cut 45,000 Liberties from 10,000 plants in four weeks.

Samuel S. Pennock received a fine lot of Bonnaffons on Tuesday which brought $3 a dozen. He also had a few choice Carnation Judge Hinsdale grown at the Strafford Flower Farm.

Theodore Edwards, of Bridgeton, is sending fine Roman hyacinths and Paper White narcissi to William J. Baker.

Pennock Bros. had a handsome harvest display in their window this week.

THE REVIEW, the foremost florists' paper of the day, got a week too far ahead in announcing the opening of J. J. Habermehl's Sons' new shop in the Bellevue-Stratford, which was again postponed owing to the strike.

Answers to Correspondents.

REVIEW readers are invited to send any questions relating to culture or marketing of plants and flowers in Philadelphia to Phil, in care of any of the leading seed or commission houses or the Flower Market. Each question will be submitted to a competent person and answered under number. Correct name and address must always accompany inquiry, but will not be published.

20.—You are right; there were more chrysanthemums on the main stairway at the show than last fall. As a matter of fact the word "unusual" was translated over the wire as "usual" in describing this feature.

21.—It will pay to lay in your winter's supply of anthracite coal now. The price is lower on buckwheat than it was in August or September and the quality is much better than it will be after a while. Clever business men like Myers & Samtman have just laid in their entire stock of buckwheat coal for the season.

22.—The Chestnut Hill show was a fine exhibition and well worthy of an account. It is, however, generally described by another writer in this column. PHIL.

NEW YORK.

The Market.

Between horse shows, football and seasonable weather the last of the week saw the beginning of better days. There is surely a rising tendency in the market. One has only to journey observantly up and down the great avenues of trade to realize that Wall street is not the only thing that is experiencing the autumn rise. It may be the coming of Thanksgiving, or the first faint sounds of the approaching Christmas, or the opening of the opera season, with all the wealth of floral accompaniments it indicates, but the fact cannot be gainsaid. The retailers are all as busy as they can be.

Chrysanthemums have had their day. Stock of high grade from now on will be absorbed as quickly as it arrives. The flood is over. The best roses have advanced already and will doubtless hold their improved averages. Carnations are superb in quality and unlimited in variety. The new ones assert their importance and command high values, as they deserve to do. Orchids have started again for winter prices. Their growing popularity in all the large cities has a tendency to make them independent of market fluctuations. Violets again lift up their heads. Any price asked could be had on Saturday in honor of Yale and football.

Various Notes.

The final sales in the auction market draw near. Cleary's Horticultural Hall had its great sale Tuesday of the present week.

Haerens Bros., of Belgium, have dissolved partnership, August Haerens remaining in control and A. Roiker & Sons continuing as American representatives.

F. W. O. Schmitz's importation of nursery stock is larger this fall than usual and of great variety.

All the violet specialists were crowded with orders for New Haven on Saturday. One house shipped 55,000 out of orders for 80,000, another 40,000 out of orders for 60,000, and so on down the line on Twenty-ninth and Thirtieth streets. The demand was unprecedented, the market was depleted and fair prices prevailed. It is unlikely that violets will reach above $1.50 per hundred this season except on very special holidays, like Christmas or Easter, and then $2 will be the limit.

The new ice box at the Cut Flower Exchange in the Coogan building has been installed. It is immense and will prove a most desirable convenience. L. J. Kreshover has removed to much lighter and better quarters in the building and his branch store there is complete.

Frank Millang, on the early car Sunday morning on his way to his office, was badly cut by glass from a broken window. Bauman is sending some fine Maud Dean and Jerome Jones chrysanthemums to Mr. Millang daily.

Bonnot Bros. are shipping a good many roses at present to Scranton and other Pennsylvania cities.

Mr. and Mrs. Charles Smith, of Woodside, have completed their visit in Scotland and left for New York on Saturday.

W. E. Marshall, bulb and seed importer, has taken commodious quarters at 146 West Twenty-third street, near Sixth avenue, on one of the busiest streets in the city.

D. J. Mackintosh had a unique and handsome window last week in which he combined the foot ball colors of Yale and Harvard with silver stirrups and laurel collar emblematic of the horse show. He has opened a branch store in the New Breslin hotel, Twenty-ninth street and Broadway, and has associated with him James H. Carroll, for eighteen years with Thorley.

The Kervan Co., 20 West Twenty-seventh street, near Broadway, anticipate a fine season and have splendid facilities for handling their growing trade. They will make a speciality of small Christmas trees, as usual, this year.

Wertheimber & Co. have sold over 100,000 of their Alpha Christmas bells. Advance orders have completely exhausted their stock.

Leikens reports a big increase in business horse show week. Among other crumbs was a large order for the landscaping and planting of a millionaire's estate.

S. Masur, 238 Fulton street, Brooklyn, has built up a good business in less than two years on his own account. He was with J. V. Phillips seven years. Last week he had a decoration for the annual banquet and ball of the U. S. Battleship Kearsage at the Palm Garden, New York city. Over 800 bouquets were used and the decorations were elaborate. A prominent bookmaker's death the other day brought orders for several $50 wreaths and designs.

J. V. Phillips has enlarged his store and added to his window space until he has one of the most attractive florists' stores in the City of Churches.

Jos. Fenrich has an unnamed new pink mum on exhibition that is very brilliant and a great keeper. He has purchased the entire stock and already made arrangements for growing it extensively next year. He is handling a large and especially fine stock of Bonnaffon daily.

Flatbush Bowling Notes.

Last Thursday evening's attendance was light at the Flatbush alleys but the bowling was heavy. Davy Mellis, Will Siebrecht and the Dailledouze boys had finished their preparations for the match with the New York Club and thought they would need no further practice to win, so they embalmed their arms in witch hazel and ginger and rested. From the scores appended it looks like a strenuous evening. Riley absorbed nearly all the pots as usual. Ever since his first born son arrived, Pat has been banking these weekly offerings until now he has to use a barrel and before the kid is 21 he will have several thousand dollars put away for him. The veteran, Louis Schmutz, has come to life again with a 200 record. The best games follow:

Riley	166	177	184	190	192
Schmutz	133	148	149	150	207
Zeller	131	131	143	144	171
Wocker	114	115	140	147	177
Shaw	113	123	131	139	169

Bowling.

Mr. Fenrich's ambition as captain of the bowling club is to have a team that will arrive at Washington next August with an unbeaten record. The trouble is now nearly every member of the club is good enough to be a member of the team, so the plan of choosing from the averages made weekly will be adopted, giving every member encouragement to win a place on the champion aggregation.

A challenge from Philadelphia will receive immediate recognition. Hereafter matches with other teams will be bowled on other than club evenings, so that the regular bowling will not be interfered with. This does not apply to the first match game with Hoboken, which will take place on the club's alleys next Monday evening, November 28, when John Birnie and his faithful Scots will meet their Waterloo.

The contest with Flatbush Monday night was a great success. A crowd of over thirty visitors was in attendance. The excitement was intense and the dinner elaborate. Flatbush was handicapped by the absence of the Dailledouze boys and were obliged to use Messrs. Fenrich, Siebrecht and Shaw to complete the team. As a consequence they went down to an honorable defeat and the promise of a turning of the tables at the return match in Flatbush. Following was the score:

Flatbush—	1st	2d	T'l
Fenrich	130	148	278
Schmutz	113	170	283
Wocker	111	117	228
Zeller	141	121	262
Siebrecht	140	151	291
Shaw	102	101	203
Riley	155	178	333
Totals	892	986	1,877

New York—	1st	2d	T'l
Ford	145	163	308
Traendly	106	158	264
Kessler	134	119	253
Marshall	146	135	281
Burns	133	141	274
Manda	156	140	296
Lang	170	168	338
Totals	990	1,024	2,014

The match with Hoboken was postponed until a week from Thursday evening and will take place on the New York alleys.

J. Austin Shaw.

BOWLING CLUB RULES.

The following are the rules and regulations recently adopted by the New York Florists' Bowling Club, which are presented for purposes of comparison with those of other similar organizations:

1. The club's membership shall consist entirely of members of the New York Florists' Club, no others being eligible.
2. Visitors, residents of the city, endorsed by any of the club's members, will be permitted to bowl with the club on payment of 50 cents and the usual evening's assessments.
3. Out of town visitors, not members of the New York Florists' Club, to the club's meetings will be entertained and welcomed without charge.
4. The monthly dues until further notice will be $1, payable in advance, and no one will be entitled to bowl with the club until the dues are paid.
5. Business meetings of the club, if necessary, will be held weekly at the Bowling Club's room at the conclusion of the regular luncheon.
6. Any individual eligible for membership in the S. A. F., but not a member of the New York Florists' Club, may become an associate member of the Bowling Club by a unanimous vote of the club members. Associate members will be subject to the same rules and regulations as regular members of the club.

We are very much pleased with the Review; there is much important news in it every week.—Springfield Seed Co., Springfield, Mo.

Springfield, Mo.—The Springfield Seed Co. has just completed two greenhouses 30x80 and will go into plant growing with a general line of stock.

Joliet, Ill.—Ernest Crantz, who has been working for the Chicago Carnation Co., was fatally injured November 3 by being struck by an electric car.

Fitzgerald, Ga.—We have had an unusually early frost, which put an end to outdoor stock and has made trade very good, so Joel Thomas says. He is the only florist here.

"Green Goods"

We are at all times headquarters for "Green Goods," Asparagus strings, Asparagus plumosus in bunches, Sprengeri, Smilax and Adiantum, also Common Ferns, Galax, Leucothoe and Wild Smilax constantly on hand.

ALL CUT FLOWERS IN SEASON.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones { 1978 and 1977 Central. 7846 Automatic.

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$5.00 to $6.00
24-inch stem	4.00
20-inch stem	3.00
16-inch stem	2.00
12-inch stem	1.50
Short stem	1.00
	Per 100
Brides and Maids	$4.00 to $8.00
Meteors and Gates	4.00 to 8.00
Liberty	4.00 to 10.00
Carnations, select, all colors	2.00 to 3.00
" large and fancy	4.00
Violets	1.00 to 1.50
Valley	2.00 to 4.00
Callas, per doz., $1.50	
Paper Whites, Romans	3.00
Asparagus, per string, 35 to 50c.	
Asparagus Sprengeri	2.00 to 3.00
Ferns, per 1000, $1.50	.20
Galax, per 1000, $1.25	.15
Leucothoe	.75
Adiantum	1.00
Adiantum Croweanum	1.25
Smilax, per doz., $1.50	10.00
Wild Smilax, 25 lb. cases	3.00
" " 35 lb. cases	4.00
" " 50 lb. cases	5.00

Subject to change without notice.

Mention The Review when you write.

Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

A Million Feet of Modern Glass.

Thanksgiving Price List.

AMERICAN BEAUTIES—	Per doz.
Extra select	$5.00
36-inch stems	4.00
30-inch stems	3.00
24-inch stems	2.50
20-inch stems	2.00
15-inch stems	1.50
12-inch stems	1.00
Short stems	$5.00 to $7.00 per 100.
	Per 100
LIBERTY	$4.00 to $10.00
CHATENAY	8.00 to 10.00
" seconds	4.00 to 6.00
MAIDS AND BRIDES	6.00 to 7.00
" " " seconds.	4.00 to 5.00
PERLE	4.00 to 6.00
GOLDEN GATES	4.00 to 7.00
METEOR. SUNRISE	4.00 to 7.00
CARNATIONS	2.00 to 3.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00

Mention The Review when you write.

LORRAINES.

How can I get some growth on my young plants of Gloire de Lorraine? They are simply all bloom from the ground up. Do you recommend disbudding; would it help? C. P. N.

It is now too late to pinch off the flowers of the begonias except it be the most advanced. Stopping the plants, that is, pinching the ends of the growths, would be little use at this season, as you would not get a new growth and flower in time to make the plants attractive at the holidays and that is the time they are in greatest demand. While its extraordinary propensity to bloom is the great attraction of this beautiful begonia, if the plants do not make a free growth in August, September and October they will become stunted by this profusion of flower. I don't think you can remedy the trouble at this season. W. S.

CHICAGO.

The Market.

The market has been strong ever since last report. The usual shortening up before a holiday was very apparent a week ago and up to Tuesday night the receipts were of very moderate proportions in comparison to the demand. Tuesday evening, when the principal shipping business for Thanksgiving was done, found practically every rose and carnation of shipping quality packed up and on its way to an out-of-town buyer. The city people undertook to pick up some small quantities of stock on Tuesday but found prices beyond their reach. Beauties were in good demand and in probably better supply than almost any other item, a large part of the receipts being of superior quality. Good roses were short of the requirements for the shipping trade and carnations of very indifferent quality had to be sent out to complete many orders. Possibly the carnation market was stiffer than any other department. A great many of the better sorts of chrysanthemums were cut out before the rush of Thanksgiving business. The supply, however, was abundant, with somewhat indifferent quality. Home-grown violets were not in active demand, but the Hudson river stock went well. The A. L. Randall Co. says that their customers out of town will not take anything but New York violets. There are again considerable quantities of callas in the market and green goods are abundant. Some good bouvardia is seen, also a few sweet peas. Lily of the valley is plentiful, also Paper Whites.

Practically every out-of-town buyer was heard from for Thanksgiving but in many cases the requirements were not large. It is thought, however, that the Thanksgiving shipping business will foot up equal to the best previous record. City trade on Wednesday took fair quantities of stock, but the pressure was considerably relieved and receipts increased as usual, for there are many growers who will not learn that the best market is always the second day before a holiday.

Sunday and Monday saw a very active demand for first-class stock for funeral purposes, for on Monday two of Chicago's best known citizens were buried, Arthur J. Caton and Judge Moran. All the leading retailers supplied good work.

A Permanent Hall.

The great success of last week's flower show has renewed the talk of a permanent place for our exhibitions. In Paris there is a building which is erected and removed whenever required. Such a one is talked of for the lake front. C. L. Hutchison is its sponsor.

The Banquet.

There were seventy-seven at the supper at the Union Thursday evening, November 17, several prominent gentlemen of the local contingent being conspicuous by their absence, and there were also other visitors whom it would have been a pleasure to have had present. The repast was all right and so was the music. W. N. Rudd, president of the Florists' Club, presided. Among the speakers were Wm. Duckham, Paul Dailledouze, W. A. Kennedy, Geo. Asmus, P. J. Hauswirth and J. C. Vaughan, of the trade, and Mayor Crolius, of Joliet. John P. Degnan, who arranged the affair, is to be congratulated on its success.

Various Notes.

E. C. Amling says that it is a mistake for the growers to regard Thanksgiving as an occasion necessitating hoarding up stock to secure a supply. Cuts are always large at this season and, with large quantities of mums in the market, the question is only one of getting enough good stock. Hoarding up never improves grades. He has his growers pretty well enlightened in this respect.

E. E. Pieser says he has never seen anything like the way the violet market has fluctuated the past few days. One day the buyers would be scrambling for them and the next choice stock could scarcely be moved at all.

Andrew McAdams has been seriously ill with pneumonia but is now thought to be well on the road to recovery.

Peter Reinberg returned from his hunting expedition with three fine deer.

Emil Buettner was taken ill last week and has been operated on for appendicitis. He is recovering nicely.

C. W. McKellar supplied, so he says, all the orchids exhibited at last week's show except, of course, those of Messrs. Selfridge and Uihlein.

P. J. Demas, of Pittsburg, is in town this week, buying stock. There were

ROSES CARNATIONS

We produce First Grade Stock in such great quantities that we Can fill shipping orders for Select Stock at any time.

AMERICAN BEAUTY—				Golden Gate	per 100,	$5.00 to	8.00
Extra long stem	per doz.,		$5.00	Perle	"	4.00 to	6.00
24-inch stem	"	$3.00 to	4.00	Ivory	"	5.00 to	8.00
20-inch stem	"	2.50 to	3.00	Liberty	"	5.00 to	10.00
15-inch stem	"		2.00	Meteor	"	5.00 to	8.00
12-inch stem	"		1.50	Roses (our selection)	"		4.00
8-inch stem	"		1.00	Carnations, ordinary	"	2.00 to	2.50
Bridesmaids	per 100,	5.00 to	8.00	Carnations, fancy	"		3.00
Bride	"	5.00 to	8.00				

All other stock at lowest market rates—No charge for packing. Prices subject to change without notice.

WIETOR BROS.

51 Wabash Avenue, ...CHICAGO.

HAVE YOU TAKEN NOTE OF THE WAY THE STOCK FROM

POEHLMANN

SWEPT THE DECKS AT THE BIG FLOWER SHOWS?

AT CHICAGO: 23 ENTRIES AND 19 PREMIUMS.

If you want the best stock the market affords, now you know where to get it.

LET US HANDLE YOUR STANDING ORDERS THIS SEASON.

AT ST. LOUIS: 17 ENTRIES AND 15 PREMIUMS.

POEHLMANN BROS. CO., 35-37 RANDOLPH STREET, Chicago

L. D. Phone Central 3573.

GREENHOUSES: MORTON GROVE, ILL. 600,000 FEET OF GLASS.

over 150 trade visitors registered at the flower show last week.

N. J. Wietor says that they are practically cut out on mums, nearly three weeks earlier than last year.

The north end of State street, the block from Randolph to Lake, must be a very good stand for a flower store, since three seem to thrive on one side of the street. T. D. Mosconesotes has been in the Masonic Temple for years. Bohanon & Conger opened a little over a year ago, at the north end of the block, and about the same time Henry Klunder opened between the two. Each keeps a very neat place. Since Fleischman moved to Jackson boulevard these are the only legitimate flower stores on the street.

Vaughan & Sperry are still getting in very fine Kaiserins, especially notable because so late in the season.

Edgar Sanders was down to the flower show for a few hours Friday afternoon and there was no visitor during the week whom the boys were more glad to see.

Percy Jones is getting in about 2,000 fine mums a day this week and his corner of the market is a busy place.

Chas. Heim has withdrawn from partnership with his two brothers at Blue Island and has put up a couple of new houses across the street.

N. Armbrust, at Oak Park, one of the veterans of the craft, had a very large wedding order not long since, the Malone wedding. The decorations included both church and house. At the church sixty palms were used, also quantities of wild smilax, mums and several hundred feet of ribbon. Besides mantel and other work in the parlor there was a large arch of asparagus from which hung a bell under which the bridal couple stood to receive. In the hall, second parlor and dining room large quantities of mums, roses and carnations were used, as well as green stuff. The musicians were in the conservatory, screened by two ivy plants eight feet high and six broad. All told, a great quantity of stock was used.

SPENCER, IA.—Carl Seigle, who has been florist with Dr. W. P. Woodcock for a number of years, has gone to his old home in Germany for a visit.

FUMIGATION.

Will ferns, like the Boston and that type, bear the same fumigation that roses will? C. P. N.

We have never noticed that fumigation did any harm to the Boston ferns, but a heavy, dense smoke would be liable to brown the fronds and stunt the young growths. They would certainly stand all the smoke that roses would bear. Burn tobacco dust, which will give you all the benefit of the nicotine without the hot smoke, and you will hurt neither ferns nor roses. W. S.

ROCK WAS FIRST.

In the World's Fair flower show W. L. Rock was first on table decoration with a very fine centerpiece of orchids. F. H. Rowe was second with a fine mound of Chatenay roses. The statement that Mr. Rowe won first, in the advertisement of Poehlmann Bros. Co. last week, was a typographical error. To be second to so good a table as Mr. Rock's was a high honor.



Field of Leek in bloom on Gilroy Farm of C. C. Morse & Co., Santa Clara, Cal.

Vegetable Forcing.

FORCING ASPARAGUS.

The forcing of asparagus may be begun any time after the tops have died down, but if it is allowed a short season of rest and left in the ground until it has been frozen over a few times it will respond all the better to forcing. To have asparagus ready to cut for Christmas, however, it is necessary to have the crowns in the forcing quarters not later than the first of December. Under the most favorable conditions cutting will begin three weeks from the time the crowns are put in the forcing quarters, but this is cutting it pretty fine and it is safer to allow four weeks. It is better to be a few days early than a few days late. If it is necessary to cut some of it a few days before it is wanted it can easily be kept by setting the ends of the bunches in water. Treated thus and placed in a temperature of about 40 degrees it will be all right for a week or more.

A supply of crowns sufficient to last the whole season should be lifted before the ground is frozen too hard. They can be stored in a cool cellar, where they should be covered with some loose material, such as leaves or straw, anything that will keep the roots slightly moist and prevent them from drying up or shriveling. If a cool cellar is not available they will keep well in a pit, which should be dug deep enough to be below the frost line. Here they can be covered so as to be easily reached in any kind of weather. It is not always convenient for the forcer to grow his own plants but where this can be done it is the best and most profitable way. When shipping from a distance more or less vitality is sure to be lost through breakage of the roots, drying or being subjected to extreme temperatures.

Forcing quarters are not of the utmost importance as long as the proper temperature can be maintained. A good article can be produced in a mushroom house or under a greenhouse bench, but the best possible forcing place is a pit where about two feet of stable manure can be put in the bottom. Our pits are built of brick, about four feet deep with one 4-inch hot water pipe running all the way around. With this pipe we can keep the desired temperature after the heat of the manure begins to fail. After the heat of the manure has dropped to about 60 degrees we cover with about an inch of sand. On this the plants are set and covered to a depth of three inches, sand being again used for this purpose. Frequent waterings are given, so as to keep the sand moist. A night temperature of 60 degrees and a day temperature of 70 to 75 degrees is maintained, but at first a little air is left on night and day to let the steam from the manure escape.

W. S. CROYDON.

STEM-ROT OF CUCUMBERS.

Kindly inform me what the trouble is with my cucumbers. When the vines are about two feet high they become brown or rusty at the stem. The vines grow fairly well for a time, finally the rust eats into the stem. The leaves in the meantime become blotched or take on a burnt appearance. Finally the vines collapse. The soil is three-fourths sandy loam and one part old cow manure with a little slaked lime. The night temperature is from 55 to 60 degrees. The variety is White Spine. I send a part of a stem for inspection. J. L. M.

The trouble is what is commonly known as stem-rot. This trouble can be averted by planting your cucumbers in hills. In place of filling the benches all at once, make a hill of a few shovelfuls of soil, set the plants in this and when the roots appear on the outside add more soil. Planting thus insures against the lodgment of water around the necks of your plants. For these hills special care should be taken to have the soil as fibrous as possible and not broken too fine; when rough and open the free passage of water is insured. The addition of charcoal to the compost also greatly assists in keeping the whole sweet. The mixture you are using will do very well for adding later, as by the time the roots appear and it is necessary to add more soil the plants should be past the danger stage. Be careful not to have the atmosphere of the house too close and humid and try and run the temperature about 5 degrees higher than you are doing now. If you have any plants under way which are not yet affected with the disease you may be able to save them by taking the soil away in a circle about a foot from the plants so that the water will not lodge around the plants and immediately around the necks of the plants make rings of powdered charcoal. W. S. CROYDON.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

SEED potatoes are now one of the principal items with many of the large British houses.

RIVES JUNCTION, MICH.—E. E. Stewart has just finished harvesting his crop of gladiolus bulbs. The S. Y. Haines Seed Co., lately of Tompkins, Mich., has removed its seed business to this place.

AT Erfurt, Germany, there are about twenty-five firms engaged in the seed trade on a large scale. Flower seeds are grown very extensively, and although more vegetable crops are seen at Quedlinburg than at Erfurt, yet Erfurt is also a center for vegetable seeds. The Erfurt growers have their crops away from town owing to their system of con-

tracting with farmers, so that the inspection of any considerable portion of them, as sometimes contemplated by visitors is a considerable task.

THE firm of C. Platz & Son has been engaged in growing flower seeds at Erfurt, Germany, since 1756.

HERBERT W. JOHNSON, of Johnson & Stokes, Philadelphia, was the successful candidate for sheriff of Camden county, N. J., at the late election.

THE firm of Polman Mooy, Haarlem, Holland, was established in 1810 and is one of the oldest of the Dutch houses. The present owners are grandsons of the founder.

THE early birds among the general seed catalogues are making their appearance. First was that of Johnson & Musser Seed Co., Los Angeles, closely followed by Crenshaw Bros., Tampa, Fla.

GREEN is coming out of the Wisconsin woods in larger quantities but should unfavorable weather put an early end to the picking season the supply will be short as usual quantities are not yet in sight.

VISITED PHILADELPHIA:—Alfred Emerich, representing Vilmorin-Andrieux & Co., Paris, France, and J. M. Clark, secretary of the Leonard Seed Co., Chicago. Mr. Emerich sails for home December 1, from New York.

A TOUR AMONG CALIFORNIA SEED GROWERS.

Having journeyed up the river from San Francisco, the first stop is at Isleton. It is a typical up-the-river port. It was night when we reached the place and after supper, there being a Chinese village there, we went out and had a glimpse of the home life of the Chinaman. Early in the morning we started out to see the seed fields. The crops up the river compared favorably with those at Santa Clara and Gilroy but seemed to be nearer the cutting stage. July 8 was the date on which these fields were seen. The Morse plantings up the river were quite extensive and were looked after in a manner comporting with the Morse standard of procedure, which is A1 in all particulars. We did not have time to see all the fields, but what we did see was enough to demonstrate that if the levee system is safe there is a sufficient acreage available for seed growing up the river to grow a good many pounds of garden seed.

In the judgment of the growers there is one drawback to this part of California for onion seed growing, and this is the hot winds which sometimes prevail. These have a tendency to blight the seed ball and lessen the quantity at harvest if they come at a critical time. It is not thought that the hot winds affect the other crops so much.

We had promised Charles Parker when leaving him at the boat the day before that we would get to his place by noon if possible. It was a drive of some miles, besides being on the other side of the river. We hustled up the horse and got to a ferry where they took us, and the horse and buggy, across in the old-fashioned way. We had dinner with Mr. Parker, saw some of his fields of onion, radish, etc., also saw fields that Mr. Wilcox had in the vicinity and discussed the plantings of the other growers, whose fields we had to cut out, owing to lack of time. These growers, with the exception of a Mr. Metson and a Mr. Ryder, who are also interested in growing seeds more or less up the river, have been mentioned previously.

The time for returning home arrived, we left Mr. Parker wrestling with a threshing machine he was setting up, and reached San Francisco late in the evening.

The account of this tour is written from memory, and for that reason many things of interest have undoubtedly been overlooked. In the recital a fairness to all the growers has been aimed at. In summing the thing up it may be said that from Los Angeles to the end of the trip every grower visited was very courteous and free to give any information that would in any way help toward an intelligent idea of the scope of operations. No jealousy was shown by one grower if the visitor elected to accept his competitor's offer of conveyance in preference to his equally kind offer. Each grower was also willing to concede any existing advantage a competitor might have over him in a given line of work. This sort of thing put one at his ease, and the kindly effort of each to make the visitor feel at home is a pleasant recollection.

DUTCH BULB REPORT.

The unusually fine and dry weather has put the bulb fields in such a perfect condition as we have not experienced for the last ten years, and planting operations have now almost been completed, under most extraordinary favorable conditions. Shipments of both early and late ripening goods have now come to an end and although prices have ruled much too low, the clearing of hyacinths has been a most thorough one, and even in white hyacinths the scarcity has been very general, causing a sharp rise in the market. Crocus have also cleared off in a most satisfactory way, and it is quite apparent that the outlook for the grower of good crocus stocks is a much better one. English iris have moved rather slowly this season, and Spanish iris are somewhat of a drug in the market at present. The yearly increasing demand for bedding tulips has caused the cheaper sorts to be in good demand and some of these have even gone up in price. The more expensive sorts, such as are principally used for forcing, have, however, not cleared off so well, owing to the high prices asked for them, but as soon as these prices have come down again to a more reasonable level, they are sure to find as good a market as previously.—H. T. J.

POTS FOR LILIES.

Can I grow longiflorums, 5-7 bulbs, in 4-inch pots and do it successfully?

C. P. N.

There is quite a difference between a 5-inch and 7-inch bulb. A 5-inch bulb can be flowered in a 4-inch pot, and they often are, although to give a fine flower and healthy green foliage, they should have a 5-inch pot. The 7-inch bulbs should most decidedly be given a 5-inch pot.

W. S.

PARKHILL, ONT.—Mrs. A. K. Van Wyck is going out of business.

MURPHYSBORO, ILL.—Lewis R. Allen has built an additional house during the past season and has facilities for taking care of a little more business. He says the demand is increasing right along.

D. Landreth Seed Company
BLOOMSDALE SEED FARM
BRISTOL, PA.
WHOLESALE ORDERS SOLICITED

SEED GROWERS
OF
Sweet, Field and Pop Corn, Cucumber, Melon and Squash Seed
We have a Surplus to offer. Be kind enough to ask for SAMPLES and PRICES before Placing Orders.
A. A. BERRY SEED CO., : : : CLARINDA, IOWA
Mention The Review when you write.

LEONARD SEED CO.
WHOLESALE SEED GROWERS
ONION SETS
79 and 81 East Kinzie Street, CHICAGO
Mention The Review when you write.

WATERMELON SEED Surplus. New crop, all leading sorts, strictly high-class, at reasonable prices.
ASK FOR LIST.
D. H. GILBERT, MONTICELLO, FLA.
Mention The Review when you write.

Two Grand New Asters

Benthey's White

Benthey's Pink

The Seed of the Two Varieties will be ready for distribution January 1, 1905.

PRICE LIST

TRADE PACKAGE	$1 00
¼ OUNCE, White or Pink	2 50
½ OUNCE, " "	4 50
1 OUNCE, " "	8 00

For further information write

The Benthey-Coatsworth Co.
35 Randolph St., Chicago.

Mention The Review when you write.

Thorburn's Bulbs

ARECA LUTESCENS SEEDS
at $3.00 per 1000.

LILY OF THE VALLEY
PIPS AND CLUMPS.

Lilium Auratum and Speciosum 4 sorts

The great new Potato

Noroton Beauty

All who issue catalogues should not fail to include it. Descriptive circular on application.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

Lily of the Valley

Our Valley received 1st prize at the St. Louis World's Fair Flower Show.

ORDER NOW your Pips from cold storage for Xmas. $1.75 per 100, $15.00 per 1000, $35.00 per case of 2500.

Fancy cut Valley always on hand.

H. N. BRUNS
1409-11 W. Madison St., CHICAGO, ILL.

Mention The Review when you write.

TULIPS SINGLE EARLY

	100	1000
Artus	$1.00	$9 50
La Reine	.80	7.00
Cottage Maid	1.00	9.00
Duc Von Thol, scarl't,	1.00	9.50
Yellow Prince	1.00	8.00

STUMPP & WALTER CO.
50 Barclay Street, NEW YORK
Branch Store, 404 E. 34th Street.

Mention The Review when you write.

Selected Single Dutch Hyacinths 40 Named Sorts

Splendid Bulbs for the Easter Trade, $3.60 per 100; $34.00 per 1000.
Single Dutch Hyacinths, red, rose, blue, white and blush white, $2.60 per 100; $25 per 1000.

ENGLAND'S Prize Strain GIANT FLOWERING CYCLAMEN

An unsurpassed strain that has received the highest awards at English Shows.

	Per 100 Seeds	Per 1000 Seeds
Crimson Queen, rich deep maroon red	$ .75	$6.00
Dixon Hartland, pure white, claret base	.75	6.00
Duke of Connaught, a superb cherry color	.75	6.00
White Swan, the finest white Cyclamen in cultivation	.75	6.00
Rosy Morn, bright rose with claret base	.75	6.00
Cyclamen Persicum Giganteum, mixed	.75	6.00

New Crop Clematis Paniculata Seed,
Per ounce 30c; per pound $3.50.

JAPANESE LILIES, ALBUM, AURATUM, RUBRUM AND MELPOMENE,
JUST RECEIVED. Write for prices.

JOHNSON & STOKES, 217 and 219 MARKET STREET, **PHILADELPHIA, PA.**

Mention The Review when you write.

JOIN OUR BAND.

Every carnation grower wants to save waste. To do this he uses tiny rubber bands in his split flowers. Michell's bands are the best. Price 15c per 1000; 25c per 2000; 50c per 4500; 75c per 7000; $1.00 per 10000.

Henry F. Michell Co. 1018 Market St. **Philadelphia**

Mention The Review when you write.

BULB BARGAINS

		Per 100	Per 1000	Per Case
White Roman Hyacinths	12-15 Cms	$2 50	$23 00	2,000 $45 00
	13-15 Cms	3 00	27 50	1,600 43 20

		Per 100	Per 1000
Tulips, mixed, single or dbl.	Superfine, large bulbs	$0.65	$6.00

Arthur T. Boddington, Seeds, Bulbs and Plants, 342 WEST 14TH ST. **New York**

Mention The Review when you write.

Burpee's Seeds Grow

LONG ISLAND CABBAGE SEED
AMERICAN CAULIFLOWER SEED
And other Special Seed Stocks.

Francis Brill - Grower,
Hempstead, L. I., New York.

Mention The Review when you write.

RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST

Catalogues Mailed Free.

W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

Mention The Review when you write.

VREDENBURG & CO.
ROCHESTER, N. Y.

Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

☞ UNEQUALLED FACILITIES

Mention The Review when you write.

BEGONIAS Tuberous Rooted. Ou Gold Medal Strain; Splendid Tubers, ready for shipment about November 25. Single, in five separate colors. $3.00 per 100; $27.50 per 1000; finest mixed, $2.75 per 100; $25.00 per 1000. Double, in five separate colors. $4.00 per 100. $37.50 per 1000; finest mixed, $3.75 per 100; $35.00 per 1000.

HUBERT & CO., Ltd.
N. LE PAGE, Rep. MT. VERNON, N. Y.

Mention The Review when you write.

Lily of the Valley
FORCING PIPS. VERY FINE VARIETY. Apply to

JULIUS HANSEN,
PINNEBERG, (Germany).

Mention The Review when you write.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.
TRY THEM.

Cushman Gladiolus Co.
SYLVANIA, OHIO.

Mention The Review when you write.

SUZUKI & IIDA, 31 BARCLAY ST., NEW YORK
FRESH CROP OF PEAR SEED
DUE IN DECEMBER, $2.50 per 100 LBS.
Now is the time to book your orders for JAPANESE NURSERY STOCK for Spring Delivery.
WRITE FOR CATALOGUE.

THE READERS' CORNER.

Fitting Old Tubes.

Having made some joints in hot water pipe, last and also this season, that have proven very satisfactory, I believe O. N. can fit his boiler tubes with the same material. Mix litharge with glycerin into a very thick paste or putty. If this is used the sleeve need not be more than half as long as in L. C. C.'s method and mix only enough for one joint at a time, as it sets quickly and very hard. Start the joint the same as L. C. C. describes, then put some of the litharge all around and drive it up with a roll of packing, then more litharge and more packing, till the joint is full, finishing off on the outside nice and smooth with the litharge. The litharge cost me 10 cents per pound and the glycerin 35 cents per half-pint, making the joints in the regular 4-inch hot water pipe cost about 10 cents each. The writer knows of joints made with this material seven years ago which are still good. G. H. M.

I see in last week's REVIEW that someone wishes to know how to fit 3-inch boiler tubes, so send my way of fitting them, as we use them and nothing else. For fitting 3 or 3½-inch boiler tubes for greenhouse heating with hot water, take a piece of 4-inch tubing six or seven inches long for a sleeve coupling or have a tinner make them of heavy galvanized iron, riveting seams and soldering same to make them water-tight; then slip the coupling on the tube, bringing the two tubes together as close as possible. Take a piece of oakum or tow flattened out to two inches wide and one-half inch thick, just long enough to reach around the tube; spread cement on one side of the oakum and bind this over the seams with string where the two tubes meet, so the cement will fill the crack, then slip the coupling on so the ends will be equally distant from the jointed ends; now press in cement at each end as firmly as possible, leaving one inch to be filled after the cement is hardened, then fill in the same as before. Use Portland cement without sand, mixed with as little water as it can be used easily. To fit tees and elbows bind a narrow band of oakum around the end of the tube, then slip the fitting on and fill as before; see that the tubes lie solid while doing the work. If done right they are indestructible. A little oakum pressed in with the cement will make it pack easier.

H. R. Brown.

MONTCLAIR, N. J.—John Rassbach, one of the best-known horticulturists in Essex county, died November 13. He came from Germany fifty-one years ago and started in the florist business at Glen Ridge.

CLEVELAND, O.—G. M. Naumann has had a fine lot of mums this year and has done a good business with them. He grows all the up-to-date sorts. It was his place which was recently referred to as Fred Naumann's.

TREES and SHRUBS
FINE VARIETIES. Low Prices.
For both wholesale and retail trade.
Send for catalogue.
PETERSON NURSERY,
LINCOLN and PETERSON AVES., CHICAGO, ILL.
Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

JOHN PORTERFIELD, nurseryman at Traer, Ia., will close out his stock and go out of business.

HOOPES, BRO. & THOMAS, West Chester, Pa., are building a storage house 33x50 feet.

AT Sherman, Tex., the nurseries are working to the limit. J. S. Kerr says that the plantings of fruit trees will exceed those of the last ten years in Texas.

KLEHM'S NURSERIES, Arlington Heights, Ill., report that they have worked up a nice stock of Berberis Thunbergii in anticipation of the large demand which should result from the wider appreciation of the usefulness of this subject.

"It is stated," says the Gardeners' Magazine, "that J. D. Rockefeller is forming, at his new residence, Pocantico Hills, United States, a rose garden upon which £10,000 will be spent. Happily for mankind generally, the rose garden can be made to afford the fullest possible enjoyment for a much smaller sum than this."

CHRYSANTHEMUM SOCIETY.

Work of Committees.

Souv. de Calvat Pere; exhibited by Gustav D. Lotze, Glen Burnie, Md., color white, tinged with rose, and rose center, Japanese incurved, scored commercial scale 85 points; exhibition scale 87 points.

Glenview; exhibited by F. R. Pierson Co., Tarrytown, N. Y., before the Boston committee on November 3, color red, bronze reverse, Japanese, scored commercial scale 86 points and exhibition scale 84 points.

Mlle. Jeannie Nonin, exhibited by the E. G. Hill Co., before the Chicago committee on Saturday, November 19, color white, incurved, scored commercial scale 98 points.

Mlle. Jeannie Nonin, exhibited by the E. G. Hill Co., Richmond, Ind., before the New York committee on November 19, scored 92 points; color white, Japanese incurved.

FRED H. LEMON, Sec'y.

HOW to EARN $20 to $50 per WEEK
This is an advertisement but is worthy of your careful consideration, as it is a bonafide offer to the readers of the FLORISTS' REVIEW for their services this winter—whole or part time.
If you mean business it will pay you to write to the Spaulding Company and get their proposition. Whether you are experienced in their line or not they will outfit you free and instruct you fully each week, so that you will positively make as much as stated above, in cash, and in addition thereto will receive many premiums, not cheap, trashy things but useful and valuable articles which they send their salesmen free, from time to time, by way of appreciation and encouragement.
Working for them is not like representing an ordinary nursery concern, for they are nurserymen of national reputation and can be depended upon to fulfill all agreements with salesmen and customers. They will make life easy and prosperous for you if you give them the chance.
Write them to-day for full particulars.
ADDRESS
SPAULDING NURSERY & ORCHARD CO.
SPAULDING, ILL.
Mention The Review when you write.

CALIFORNIA PRIVET.

Packing free.	Per 100	1000
50,000 3 years, 2½ to 3 feet	$3 00	$28.00
50,000 2 years, 3 to 4 feet	2.75	25.00
200 000 2 years, 2 to 3 feet	2.25	20.00
200,000 2 years, 20 to 24 inches	2.00	15.00
50,000 2 years, 15 to 20 inches	1.75	12.00
400,000 1 year, 12 to 18 inches	1.00	8.00

Cuttings, February and March, 8-inch.... .75
200 Trees, 3 years, heads 4 to 5 feet.....20c each.
2 and 3-year have been cut back and transplanted, which makes them very bushy, with fine roots.

600,000 ASPARAGUS ROOTS. Per 1000
Palmetto and Barr's Mammoth, 2-year..$3.00
Palmetto and Barr's Mammoth, 1-year.. 2.50
Write for Trade List. Remember, packing free on Fall Delivery.
J. H. O'Hagan, River View Nurseries, LITTLE SILVER, N. J.
Mention The Review when you write.

W. & T. SMITH COMPANY,
GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.
Mention The Review when you write.

THE STORRS & HARRISON CO.
PAINESVILLE NURSERIES
Catalogues and price list free on application.
PAINESVILLE, OHIO.
Mention The Review when you write.

EVERGREEN.
An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.
THE WM. H. MOON CO., Morrisville, Pa.

FANCY CARNATIONS

We have stock which cannot be duplicated on this market.

If you want strictly A1 goods you will be pleased with the stock we can send you.

CHOICE ROSES

TAKING GOOD CARE OF OUT-OF-TOWN BUYERS IS OUR SPECIALTY.

A. L. RANDALL CO.

WHOLESALE FLORISTS

21 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

OCEANIC, N. J.

At the Monmouth County Horticultural Society's meeting, November 18, all the prize money was ordered paid, and there was a surplus of more than $100 from the receipts of the recent show.

The discussion of the evening was on San Jose scale. Mr. Hale said that he had tried soda, salt and sulphur, also caustic soda and Paris green, without any effect. Others stated that the lime, salt and sulphur application damaged trees and did not destroy the scale on apple and pear trees. Mr. Turner said that he sprays his pear trees in pots with the latter solution and there is no scale left. Mr. Hale sprayed his trees with crude oil (insecticide oil) and his trees are now clean. But the members came to the conclusion that no orchard can be kept clean while the neighboring orchard is neglected and that the matter of compulsory spraying should be agitated.

At our next meeting, December 2, the discussion will be on "Rose Culture Under Glass." B.

COLUMBUS, O.—The stock of the Livingston Seed Co. is in very fine shape and they report business very satisfactory.

MARION, O.—F. E. Blake combined his flower show with the fall opening of a department store and each made an advertising success.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

SITUATION WANTED—By a thoroughly experienced florist; 20 years' experience; roses, carnations and general stock; references. Address No. 81, care Florists' Review, Chicago.

FOR SALE—One 1½ and one 2½ Furman hot water boiler in fine condition. Address A. L. Booth, 202 High St., Bristol, R. I.

FOR SALE—On 52 acres of leased land; greenhouses, dwelling, barn and sheds; with or without implements; growing and marketable crop; situated at 8500 Anthony Ave., Chicago; have moved to Onarga, Ill., and want to dispose of the place and stock for less than half value for cash; would be a splendid place for poultry combined with gardening. Ludvig Mosbaek, Onarga, Ill.

SITUATION WANTED—German, single, age 31, first-class grower of cut flowers and pot plants; 15 years' experience. Address No. 78, care Florists' Review, Chicago.

SITUATION WANTED—Young man, 25 years, desires position as second man; private or commercial; five years' experience in greenhouse work; references furnished. Address No. 77, care Florists' Review, Chicago.

FOR SALE—Store in Back Bay, Boston; first-class locality, fully equipped, doing good business; too much business on hand cause of selling. Address S. G., 75 Waumbeck Street, Roxbury, Mass.

WANTED—Reliable party wishes to lease establishment of not less than 30,000 feet of glass; must be in first-class shape and within 50 miles of Chicago. Address No. 76, care Florists' Review, Chicago.

SITUATION WANTED—By a good rose or carnation grower; at liberty after Dec. 1; West preferred; married, good references; state salary. Address No. 75, care Florists' Review, Chicago.

WANTED—Business Manager. We want a reliable man in every town and city to manage a branch office; no canvassing required; can easily be managed with other business or work of any nature; no capital required; full particulars on application; give two business references and present occupation. Knight & Bostwick, Nurserymen, Newark, New York.

FOR SALE—Five greenhouses stocked with carnations, roses, asparagus, etc.; 5,000 feet of glass; hot water heat; ten minutes walk from station; one minute from electric cars; established 30 years; ill health cause of sale. A. F. Belcher, Foxboro, Mass.

FOR SALE—Florist shop, built 5 years in center of large city; fine opportunity for man of small capital. Address No. 74, care Florists' Review, Chicago.

SITUATION WANTED—German single, sober; age 33; 15 years' experience; palms, ferns, cut flowers, bedding plants, forcing stock. Chicago preferred. Address No. 80, care Florists' Review, Chicago.

FOR SALE — Horizontal tubular hot water boiler in first-class condition; nearly new Deane steam pump. J. W. Dunford, Clayton, Mo.

FOR SALE—New greenhouses, 7000 ft. of glass; on leased land, lease 15 years to run; mostly pot plants for cemetery trade. Or will sell a half interest to a good man. Address J. Russler, 114th Street and Avon Avenue, Morgan Park, Ill.

WANTED AT ONCE—Boy or young man from 16 up, to help along in greenhouses; good place for a beginner. Otto Bourdy, Lowell, Mass.

WANTED—Young lady of good character to work in floral store; good home and steady employment to right party; open Dec. 1. Address with particulars No. 72, care Florists' Review, Chicago.

FOR SALE—Owing to death of proprietor, will sell established greenhouse situated in thriving southern city. No competition. For particulars address R. A. Schneider, 2962 Wabash Ave., Chicago, Ill.

FOR SALE—In a live gas city of 15,000; five greenhouses stocked with roses, carnations and a general assortment of plants; natural gas for fuel; cheapest on earth; seven room house, large grounds, barn, etc. Address A. L. Harmon, Iola, Kan.

WANTED—In Northern Wisconsin, an all-around greenhouse man; experienced, sober and industrious; references required. Address No. 62, care Florists' Review, Chicago.

FOR SALE—An elegant greenhouse plant, up-to-date and modern in every way; 20 lots, 40,000 feet of glass, fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. 69, care Florists' Review, Chicago.

HELP WANTED—$20.00 to $50.00 per week. See 3½-inch adv. in another column. Address Spaulding Nursery and Orchards Co., Spaulding, Illinois.

—FOR SALE—

On account of other business I will sell my Market Garden business (in Southern Illinois) at a bargain. Address

No. 71, Care Florists' Review, CHICAGO.

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Have a first-class opening in Chicago for a capable store man. Moderate wages to start and advancement when ability is shown to handle first-class trade. Address with particulars as to experience and wages wanted—

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Free Rent 6 Months

Range 26,000 Square Feet of Glass.

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At once a first-class store man, good designer and decorator. State salary and experience in first letter.

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An experienced florist wants position as working foreman or section man in an establishment where first-class cut flowers are required; Scotchman, 15 years' experience in this country; married; can furnish good references.

Address **No. 47,** care Florists' Review, Chicago.

FOR SALE

Five new houses, about 5000 feet of glass; Neat Store, etc.; Hot water heat; City water; on paved streets; in City of about 10,000. Have been established two years and eight months. The business has experienced its up-hill-pull and now is paying and promises well to anyone who is willing to push and has the means to assume the ownership at this time. Best of reasons for desiring to sell. Only those with serious intentions and cash, please reply. I am not offering something for nothing but have

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Store open from 7:30 a. m. to 8 p. m.
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WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.
52 and 54 High Street, CLEVELAND, OHIO.
Mention The Review when you write.

PIPING.

I have a house 12x50 feet, with one gable glass and two feet of glass on the sides, double boarded with building paper between. How many runs of 2-inch pipe will be needed to keep 65 to 70 degrees in cold weather and how would you pipe for hot water and for steam?

G. L.

In order to provide a temperature of 70 degrees during severe weather it will be necessary to use 520 feet of 2-inch pipe when hot water at 180 degrees F. is used and 400 feet of 2-inch pipe if steam under five pounds pressure is used. In a narrow house of this description it will undoubtedly be best to arrange the pipes in two coils, one under each side bench, if elevated benches are used; if not and it is possible to arrange the coils on the side walls, this can be made to work satisfactorily. In the case of the hot water it will be necessary to place six pipes in one manifold and five in the other, as eleven pipes are all that are required. The coils can be so constructed that one pipe in each set acts as a supply pipe, while the other five, or four, as the case may be, return the water to the boiler. The same scheme may be used with the steam, but instead of there being six and five pipes in the coils respectively there will be eight pipes in all, or two coils of four pipes each.

If it is not desirable to use this plan of piping, the steam system can be installed as follows: Run one 2-inch pipe under the ridge as a supply from the boiler, making, if possible, the point directly over the boiler the highest point in the system. Allow the supply pipe to slope gently from this point to the most distant end of the greenhouse and there divide it to supply each of two coils consisting of five 1¼-inch pipes, or ten 1¼-inch pipes in all. These can be made up with a manifold tee or with tees and nipples and provided with swing joints to care for the expansion. This is, to my mind, the most desirable arrangement and the best size of pipe for steam heating. With a small plant such as above stated hot water will undoubtedly prove most satisfactory. If hot water is used an ample expansion tank should be provided and if possible placed ten or twelve feet above the highest point in the system. It should also connect with the main return near the boiler.

L. C. C.



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Between 28th and 29th Streets.
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CUT WORMS.

In the Review of November 3 appeared a query about cut worms. A few years ago we had a plague of them here in Victoria. We found that spraying with Paris green was effective. If the ground be watered with a mixture of a wineglass of kerosene emulsion to a gallon of water the worms will all come to the surface and can be collected and destroyed. A good soaking with water will have the same result but can hardly be applied at this season with safety.

E. A. W.

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Philadelphia, Nov. 23.

	Per doz.
Beauties, Specials	$4.00 to $5.00
" Extra	3.00
" Medium	2.00
" Short	1.00 to 1.50
Queen of Edgely, Extra	4.00
" " Medium	2.00 to 3.00
" " Short	1.00 to 1.50
	Per 100
Bride and Bridesmaid	5.00 to 6.00
" Ordinary	2.00 to 3.00
Liberty, Specials	6.00 to 12.00
" Ordinary	2.00 to 4.00
Kaiserin, Special	5.00 to 10.00
" Ordinary	2.00 to 4.00
Golden Gate, Special	5.00 to 8.00
" Ordinary	2.00 to 3.00
Meteors	3.00 to 6.00
Ideal	2.00 to 5.00
Perle	2.00 to 4.00
Sunrise	3.00 to 5.00
Carnations, Fancy	3.00 to 5.00
" Select	2.00 to 2.50
" Ordinary	1.00 to 1.50
Adiantum Cuneatum	.75 to 1.00
" Croweanum	1.50
" Farleyense	10.00
Asparagus Plumosus, Strings	50.00
" " Sprays	25.00 to 50.00
" Sprengeri Sprays	35.00 to 50.00
Orchids, Cattleyas	40.00 to 50.00
" Dendrobium Formosum	40.00
" Oncidium	3.00 to 5.00
" Cypripedium	15.00
Bouvardias	2.00 to 4.00
Callas	10.00
Daisies, Yellow	.75 to 1.00
" White	.75 to 1.00
Gardenias	50.00
Mignonette	2.00 to 4.00
Pansies	.75 to 1.00
Smilax	12.50 to 15.00
Sweet Peas	.50 to .75
Valley, Fancy	4.00 to 5.00
" Ordinary	2.00 to 3.00
Violets, Single	.50 to .75
" Double	1.00 to 1.50
" White	2.00
Chrysanthemums, Fancy, per doz.	3.00 to 4.00
" Select, "	1.50 to 2.00
" Ordin., per 100	4.00 to 8.00
Easter Lilies, per doz.	1.50
Paper Whites	3.00
Romans	3.00 to 4.00
Heliotrope, fancy, per doz.	1.50

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Stocky plants with short fronds, 6-inch pots, 50c each; $6.00 per dozen. Good value.
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		Per 100
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"	Extra	10.00 to 12.00
"	No. 1	6.00 to 8.00
"	Shorts	2.00 to 3.00
Brides and Maids,	Specials	6.00 to 8.00
" "	Extra	2.00 to 4.00
" "	No. 1	1.00 to 2.00
" "	No. 2	.75 to 1.00
Golden Gate		2.00 to 6.00
Liberty		1.00 to 10.00
Mme. Chatenay		1.00 to 6.00
Meteor		1.00 to 5.00
Orchids, Cattleyas		50.00 to 75.00
Carnations, Common		.75 to 1.00
" Selects		1.00 to 1.50
" Fancies		2.00 to 3.00
" Novelties		3.00 to 4.00
Adiantum Cuneatum		.25 to .50
" Croweanum		1.25
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri ... per bunch.		10.00 to 12.00
Lilies		6.00 to 10.00
Lily of the Valley		1.00 to 3.00
Smilax		6.00 to 10.00
Violets		.50 to .75
" Specials		1.00 to 1.50
Chrysanthemums, Fancy		10.00 to 25.00
Chrysanthemums, Common		3.00 to 5.00
Narcissi, Romans		1.00 to 1.50

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" Extra	15.00 to 20.00
" Short Stems	4.00 to 6.00
Brides, Specials	6.00 to 8.00
" Seconds	3.00 to 5.00
Bridesmaids, Specials	5.00 to 6.00
" Seconds	1.00 to 3.00
Liberty	4.00 to 12.50
Kaiserin	3.00 to 8.00
Bon Silene	3.00
Safrano	3.00
Carnot	4.00 to 7.00
Chatenay	3.00 to 8.00
Cattleyas	35.00 to 40.00
Cypripediums	12.50
Carnations, Specials	3.00 to 4.00
" Select	2.00 to 2.50
" Ordinary	1.00 to 1.50
Chrysanthemums	4.00 to 16.00
Violets	.75 to 1.25
Lily of the Valley	3.00 to 4.00
Narcissus	2.00 to 2.50
Mignonette	2.00 to 3.00
Bouvardia, bunch	.25
Stevia, bunch	.25
Asparagus Plumosus, Strings	40.00 to 50.00
" Sprays, bunch	.50
" Sprengeri, bunch	.35 to .50
Smilax	3.00 to 10.00
Adiantum	.50 to 1.00

Buffalo, Nov. 21.

	Per 100
Beauties, Specials	$40.00 to $50.00
" Extra	20.00 to 30.00
" Shorts	6.00 to 10.00
Brides and Maids, Extra	6.00 to 8.00
" " No. 1	3.00 to 5.00
" " No. 2	2.00 to 3.00
Carnot	2.00 to 8.00
Golden Gate	2.00 to 5.00
Kaiserin	2.00 to 8.00
Liberty	2.00 to 10.00
Meteor	2.00 to 6.00
Mrs. Morgan	2.00 to 4.00
Perle	2.00 to 4.00
Sunrise	1.00 to 3.00
Carnations	2.00 to 4.00
Chrysanthemums	4.00 to 25.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	8.00 to 10.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Lilium Longiflorum	15.00
Lily of the Valley	3.00 to 5.00
Smilax	12.50 to 15.00
Galax	.10 to .15
Common Ferns	.15 to .20
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500 Strings Asparagus Plumosus Nanus.

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76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN **CUT FLOWERS**
Greenhouses at Hinsdale, Ill.

VAUGHAN & SPERRY
Wholesale Florists,
58-60 Wabash Ave., **CHICAGO.**
Write for special prices.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Nov. 23.

	Per doz.
Beauties, Long stems	$6.00
" 30-inch "	5.00
" 24-inch "	4.00
" 20-inch "	3.00
" 15-inch "	2.00
" 12-inch "	1.50
Shorts....per 100, $6.00 to $8.00	

	Per 100
Bridesmaids, Specials	$6.00 to $8.00
" Firsts	4.00 to 5.00
Brides, Specials	6.00 to 8.00
" Firsts	4.00 to 5.00
Liberty, Specials	6.00 to 10.00
" Firsts	4.00 to 5.00
Golden Gate, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Kaiserin, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Meteor, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Ivory, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Perles, Firsts	4.00 to 6.00
" Seconds	3.00
Chatenay	6.00 to 10.00
Carnations, Select	2.00
" Fancy	3.00 to 4.00
Chrysanthemums, good...per doz.	1.25 to 1.50
" fancy... "	2.00 to 4.00
Violets	1.50
Callas	10.00 to 12.50
Paper Whites	3.00
Shasta Daisies	.50 to 1.00
Asparagus, Strings	35.00 to 50.00
" Sprays....per bunch,	.25 to .35
Sprengeri.... "	.25 to .35
Ferns.....per 1,000, $1.50	.15
Adiantum Cuneatum	.75 to 1.00
" Croweanum	1.50
Smilax....per doz.	1.50

Cleveland, Nov. 23.

	Per 100
Beauties, Specials	$35.00 to $50.00
" Extra	30.00
" No. 1	20.00
" Shorts	10.00
Bride and Bridesmaid	4.00 to 8.00
Kaiserin	4.00 to 8.00
Meteors	4.00 to 8.00
Carnations	3.00 to 4.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri "	2.00 to 4.00
Chrysanthemums	10.00 to 25.00
Violets	1.00 to 1.50
Smilax	12.50 to 15.00
Paper Whites	3.00 to 4.00

D. WOOD BRANT
SUCCESSOR TO
BRANT & NOE FLORAL COMPANY,
58-60 Wabash Ave., **CHICAGO.**
Very Choice American Beauties.
Wholesale Grower of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.
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THE "OLD RELIABLE" FOR
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Hunt's Flowers Go Everywhere.
76 Wabash Ave. **CHICAGO.**

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Wholesale Growers and Shippers of **CUT FLOWERS**
58-60 WABASH AVE., CHICAGO, ILL.
With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.

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Wholesale Cut Flowers
Flower Growers' Market,
60 Wabash Ave., **CHICAGO.**
STANDING ORDERS SOLICITED.

A Daily Cut from 40 Growers,
We can and will fill your Cut Flower wants to advantage.
Plenty of MUMS, BEAUTIES, MAIDS, BRIDES, etc.
CARNATIONS, VIOLETS, etc.
ALL GRADES.
Shipping orders our specialty. Write, telephone or telegraph.
Long Distance Phone 1129 Main.
Headquarters for HARDY FERNS and WILD SMILAX.
Most complete line of
FLORISTS' SUPPLIES
IN THE WEST.
—CATALOGUE FREE—
E. F. WINTERSON CO.
Established 1894
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37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of **CUT FLOWERS**
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51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF **CUT FLOWERS**
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.
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59 WABASH AVE. CUT FLOWERS CHICAGO
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Poehlmann Bros. Co.
Wholesale Growers of and Dealers in **Cut Flowers.**
All telegragh and Telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.
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A. L. RANDALL CO.
Wholesale Florist
19 and 21 RANDOLPH ST., **CHICAGO.**
Write for special quotations on large orders.
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35 RANDOLPH ST. WHOLESALE FLORISTS CHICAGO.

You will want some small flowers, very choice and fresh for your debutante bouquets, single and double Violets, Lily of the Valley, Tea Rose Buds, Gardenias, Cypripediums, Sweet Peas, etc. We can Give you these and other flowers fresh from the growers on short notice at lowest market prices.

The Philadelphia Wholesale Flower Market, 1235-37 Filbert St., Philadelphia.

Wholesale Cut Flower Prices.

Cincinnati, Nov. 28.

	Per 100
Beauties, Extra	$15.00 to $25.00
" No. 1	10.00 to 12.50
" Shorts	4.00 to 8.00
Brides and Maids, Extra	6.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	3.00 to 6.00
Kaiserin	3.00 to 6.00
Liberty	3.00 to 6.00
Meteor	3.00 to 6.00
Perle and Sunrise	2.00 to 4.00
Carnations, Common	1.50
" Selects	2.00 to 2.50
" Fancies	2.50 to 4.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	4.00 to 6.00
" Sprengeri, "	2.00 to 3.00
Lilium Longiflorum	8.00 to 12.50
Smilax	10.00 to 18.00
Lily of the Valley	3.00 to 4.00
Chrysanthemums	4.00 to 25.00
Violets	.50 to 1.50
Narcissi, Romans	3.00 to 4.00

WE ARE much pleased with the Florists' Manual, and could not get along without the FLORISTS' REVIEW. Enclosed find another dollar.—WM. RHODES & SON, Leechburg, Pa.

I WOULD say that many of the articles in the REVIEW are of great value to me and I would not feel that I could do without it were the subscription price thrice what it is.—A. E. KENNEDY, Algona, Ia.

AM very much pleased with the results of the advertisement; at present have no stock to offer.—WM. A. FINGER, Hicksville, L. I., N. Y.

YOU may discontinue my advertisement of violet plants. I have sold all the stock I had, which shows that it certainly pays to advertise in your paper.—G. M. NAUMANN, Cleveland, O.

"MUCH information is obtained by a perusal of your journal and I consider it a decided benefit to all to read it."—THOMAS CHAPMAN Denver, Colo.

JOSEPH HEACOCK
WYNCOTE, PA.
Grower of
Kentia Belmoreana
and Kentia Forsteriana
Mention The Review when you write.

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Wholesale Florist
Bloomsburg, Pa.
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Wholesale Commission Dealer in Cut Flowers
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Long Distance Phones { M-980. West 1191-R.
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Importer of
BULBS, PLANTS and SHRUBBERY
SUPPLIER TO FLORISTS.
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GALAX, LEUCOTHOE, FERNS
Galax, Bronze and Green.....$1.00 per 1000
Leucothoe Sprays..... 1.00 per 100
Hardy Cut Ferns..... 1.75 per 1000
Special price on large quantities.
Cut Flowers. Consignments Solicited.
C. E. Critchell, Wholesale Commission Florist
36 East 3rd St., Cincinnati, Ohio.
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Seedsmen and Wholesale Florists.
Consignments solicited. Special attention given to shipping orders.
316 Walnut Street, CINCINNATI, OHIO.

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WHOLESALE FLORIST,
1402 Pine Street,
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C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
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Wholesale Cut Flowers
Florists' Supplies
C. C. Pollworth Co.
MILWAUKEE, WIS.
Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Nov. 28.

	Per doz.
Beauties, Specials	$4.00 to $5.00
" Extra	2.00 to 2.50
" No. 1	1.00 to 1.50
" Shorts	.60 to .75
	Per 100
Brides and Maids, Specials	$8.00 to $10.00
" " Extra	5.00 to 6.00
" " No. 1	3.00 to 4.00
Carnot	5.00 to 8.00
Golden Gate	4.00 to 6.00
Kaiserin	6.00 to 8.00
Liberty	6.00 to 10.00
Meteor	5.00 to 10.00
Carnations, Common	1.00 to 1.50
" Select	2.00 to 3.00
" Fancies	3.00 to 4.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 1.50
" Sprengeri "	1.00 to 1.50
Chrysanthemums, Select	20.00 to 25.00
" Fair	3.00 to 15.00
Lily of the Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Violets, single	.75 to 1.00
" double	1.50 to 2.00
Paper White	3.00 to 4.00
Romans	3.00 to 4.00

Pittsburg, Nov. 28.

	Per 100
Beauties, Specials	$30.00 to $35.00
" Extra	20.00 to 25.00
" No. 1	10.00 to 15.00
" Shorts	6.00 to 8.00
Brides and Maids	2.00 to 8.00
Cusin	3.00 to 6.00
Kaiserin	2.00 to 3.00
Liberty	3.00 to 6.00
Mme. Chatenay	2.00 to 6.00
Carnations	1.00 to 3.00
Adiantum Cuneatum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 50.00
" Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Chrysanthemums	4.00 to 25.00
Lily of the Valley	2.00 to 4.00
Violets	1.25 to 2.00
Smilax	12.50 to 15.00
Lilies	12.50 to 15.00
Paper Whites, Romans	2.00 to 3.00
Stevia	1.00 to 2.00

Violets.
We make a specialty of
VIOLETS...
ELI CROSS, Grand Rapids, Mich.
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Wholesale Grower of
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Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.
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Solicits your orders with confidence that he can serve you to your entire satisfaction.
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FRANK M. ELLIS, Wholesale Florist, 1316 Pine Street, ST. LOUIS, MO.
THE FINEST OF EVERYTHING IN THE MARKET.
SELECT VALLEY, FANCY CARNATIONS in all varieties.
Fancy Stock in all kinds of Roses. Complete line of FLORISTS' SUPPLIES.
LONG DISTANCE TELEPHONE MAIN 2018 M.

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The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

LEIKENS

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Telephone No. 1417 Madison

NURSERIES, RUTHERFORD, N.J.

☞ Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

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Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON

ST. PAUL, MINN.

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Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,

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Always Mention the....

Florists' Review

When Writing Advertisers.

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ESTABLISHED 1873.

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42 West 28th Street,

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Orders from out-of-town florists for Steamers, Commencements and Receptions, etc., receive immediate and careful attention.

SATISFACTION GUARANTEED.

Telegraph, Telephone or Write us.

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Telephone Central 2522. 51 Monroe St., CHICAGO.

HUGH GRAHAM,

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All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

Palmer's

BUFFALO, New York.

THE NEW SEASON IS NOW AT HAND

You can get your share or the good business which will soon be going on by having your advertisement appear regularly in

THE WEEKLY FLORISTS' REVIEW

NOW IS THE TIME TO

BEGIN!

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NEW YORK, CITY.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention . . . . . .

Telephone Calls: 340 and 341 38th Street.

Cable Address: ALEXCONNELL.

WESTERN UNION CODE.

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WHOLESALE FLORISTS,
Milwaukee, Wis.

will take proper care of your orders in

WISCONSIN

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,

New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

Houghton & Clark

434 Boylston Street,

Boston, Mass.

WASHINGTON, D. C.

Orders Executed Artistically.

Blackistone,

Long Distance Phone 2180. COR. 14th and H STS.

PRATT & GIGER,

FLORISTS AND DECORATORS

NEW LONDON, CONN.

S. B. Stewart,

119 No. 16th Street. OMAHA, NEB.

M. A. BOWE,

1294 Broadway, New York City.

J. J. BENEKE,

1220 Olive Street, ST. LOUIS, MO.

Christmas Ribbons

that have the Christmas tone.

HOLLY REDS, CHRISTMAS GREENS and ribbons stamped with holly leaves and berries. They are beautiful soft weaves, tie into bows nicely and add greatly to the appearance of a holly or mistletoe sprig. We make them in narrow and wide widths. Glad to send you samples and prices.

The Pine Tree Silk Mills Company

Philadelphia

OFFICE AND SALESROOM:

806-808-810 ARCH ST. 52 and 54 N. 8th ST.

Mention The Review when you write.

Fancy or Dagger Ferns



85c per 1000. Galax, brilliant bronze or green, 75c per 1000; $6.50 per case 10,000. Laurel festooning, handmade, full sizes, 4c, 5c and 6c per yard, made fresh daily from the woods. Send us your Thanksgiving orders now and we will please you. Branch Laurel, 35c per large bundle. Southern Wild Smilax, $5 50 per case, large size. Laurel wreaths and Princess pine wreaths made all sizes and prices. Princess pine by the pound and made into roping.

Tell us your wants and we will name you prices.

CROWL FERN CO., - - - MILLINGTON, MASS.

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HARDY CUT FERNS.



DAGGER and FANCY FERNS, A-1 quality, $1.00 per 1000; discount on larger orders. **BRILLIANT BRONZE and GREEN GALAX,** $1.00 per 1000.

We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our Specialties are Dagger and Fancy Ferns. A-1 quality, $1.00 per 1000 Laurel Festooning, good and full, hand made, 5c and 6c per yard. Green and Sphagnum Moss $1.00 per bbl. Sphagnum Moss, 50c a bag, 5 bags, $2.00. Ivy Leaves, $4.00 per 1000. Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Box e—a l sizes, Folding Flower Boxes, Ribbon—all sizes and colors. Coral Letters, Block Letters, Wire Desig s Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

L. D. Tel. 2618 Main. **HENRY M. ROBINSON & CO., 8 and 11 Province St., BOSTON, Mass.**

ATTENTION !!! Florists

For WAX FLOWERS, BASKETS, WAX FLORAL DESIGNS, WHEAT SHEAVES, etc., send to

J. STERN & CO. 1928 Germantown Avenue, (Ask for our beautiful Catalogue.) **Philadelphia.**

LATANIA PALMS.

6-in., 2 and 3 plants to pot ..... $ 9.00 per doz.
7-in., 1 plant to pot, 7 to 9 leaves.. 12.00 per doz.
8-in., 1 plant to pot, 7 to 10 leaves, 2½ to 3½ feet in height and diameter..... 18.00 per doz.

ARECAS

4-in., 2 and 3 plants to pot, standing 2 ft.. $4.00 doz
6-in., 2 and 3 plants to pot, standing 3 ft., 9.00 doz

J. W. COLFLESH,
53rd St. and Woodland Ave., PHILADELPHIA.

Mention The Review when you write.

PONTIAC, ILL.—W. J. Miller & Son report a fair business this fall because their mums were of especially good quality, but the weather has been unfavorable for brisk trade.

NEW ORLEANS.

The regular monthly meeting of the New Orleans Horticultural Society was held November 17 at Kolb's Hotel, in St. Charles street. Harry Papworth, the president, called the meeting to order, and M. M. Lapouyade was elected secretary pro tem., in the absence of the regular officer.

There was an exhibit of Piersoni elegantissima and some of the newest mums from the north were shown, including Wm. Duckham.

In the general discussion of trade conditions, it developed that the retail flower trade of New Orleans during the last month had been considerably larger than last season. The demand, it was shown, was larger for the better and higher prieed varieties of flowers, and the white chrysanthemum had proven a better seller than other colors this autumn.

KANSAS CITY.

Various Jottings.

Sam Short reports business rushing at Kansas City, Kans.

W. J. Barnes is doing a rushing business these days and has just finished a new carnation house.

The W. H. Humfeld Floral Co. has a magnificent display of mums. The greenhouses are thronged with sight-seers all day.

It is reported that an effort is to be made to have another flower show here next fall. Everyone with whom I have talked seems to favor it and, with everyone satisfied, the florists of Kansas City will make it a show long to be remembered.

D. Freudenthal, of the U. D. Flower Co., says the fair has cost him about $500 loss in a business way, but he expects to make it all up before spring.

G. P. Kaupp, of G. P. Kaupp & Son, Nevada, Mo., has been visiting here the past week. Mr. Kaupp reports good business in his home town and to supply the increasing demand had to build a new house 22x100 for carnations and mums.

Mrs. Jewell, who has recently started in business on Grand avenue, is getting a lot of work from the Police Department.

The Alpha Floral Co. must be doing good business, as they have placed a gorgeous new refrigerator in their store on Walnut street.

There are millions of pots used in and around this city every year and it is almost impossible some times to get pots. Our city is the center of a most populous country, railroads reaching everywhere, water, gas and fuel in abundance, clay for the digging, and why a pottery has never been established here is a mystery to me.

Samuel Murray was a shining light at the Commercial Club banquet last week.

NARCISSUS.

AMERICAN CARNATION SOCIETY.

Kingston Pet is registered by Valentine Burgevin's Sons, Kingston, N. Y., a pink sport of Enchantress, a very rich, pleasing shade of pure pink, with the size and stem of Enchantress and the general habit of that variety.

Premium lists for the Chicago show can be had by applying to the secretary. This meeting will be held January 28 and 29, 1905, and will be the place to show all new carnations as well as the good ones of the older varieties. There were some 30,000 flowers shown in Detroit and there will be room for more than that in Chicago.

ALBERT M. HERR, Sec'y.

THREE RIVERS, MICH.—Wm. Dyer says that business was pretty dull all summer but has been all right this fall.

WOONSOCKET, R. I.—Thos. H. Greene has removed his store from 138 to 75 Main street, where he has a very neat place.

CINCINNATI.

The Market.

Trade is medium. There is a fairly active demand but nothing startling. There have been but few weddings or receptions this fall and many of our best florists report that their business in this respect has fallen way behind last year. General trade averages fairly well but stock does not bring as good an average price as last year. This is especially true of mums, which will undoubtedly average considerably behind last year. The large exhibition varieties suffer the most. The small-sized ones that sell at from $3 to $8 per hundred have the best call at all times and it is seldom that there is enough of this grade of stock to satisfy the demand. There was a pretty good lot of advance orders for Thanksgiving and that tended to keep the prices up.

Roses are arriving in fairly large quantities and of very good quality. They are selling better, also. The quoted price is being held stiffer. Red roses are about the only kind that are scarce. Meteor and Liberty are not equal to the demand and Beauties are far below it, there being but few coming in at present.

Carnations are not very plentiful and they sell fairly well at times, but once in a while it is hard to move them at any price. Many of them show very poor keeping qualities, for which it is hard to assign a reason except that they appear to be grown too warm, the blooms being very soft.

Violets are still in good demand and the price has advanced to $1 and $1.50 per hundred. Valley, Romans and narcissi are to be had and the demand for them is good. Smilax is plentiful and has been moving slowly, while asparagus is going first rate. Fancy eastern ferns have advanced to $1.75 per thousand.

Various Notes.

Max Rudolph is cutting some fine mums, roses and carnations. He reports business scarcely up to last year but still very satisfactory and that his best stock is bringing very good prices.

Frank Deller, formerly with R. Witterstaetter, has, with his wife, just returned from a visit at Yorkville, Ind. He will start in with Wm. Murphy the first of the week.

J. T. Conger spent a few days at Springfield, O.

J. A. Peterson is on a business trip through the east. C. J. Ohmer.

WASHINGTON.

A. Gude & Bro. had their opening November 8 and a chrysanthemum show for the entire week. Some fine specimens of W. R. Church, Mrs. Chamberlain, Col. Appleton, Timothy Eaton, Blackhawk, Maj. Bonnaffon, Mrs. Proctor, Chadwick, Mrs. Perrin and that grand variety Golden Wedding, were as fine as I ever saw. There were thirty-seven varieties on exhibition. At times the large store was thronged with spectators. The store is one of the largest in the country. Besides the large store and large workroom are two fine commodious windows. A fine fireproof conservatory is being built in the rear. The ice box is a dream, large and roomy, tiled and finished with mirrors inside.

Rooted Carnation Cuttings

..NOW READY..

These low prices good only up to December 25.

	Per 100	Per 1000
WHITE:		
Queen Louise	$1.00	$10.00
Flora Hill	1.00	10.00
Alba	1.40	12.50
Gov. Wolcott	1.00	10.00
Norway	1.00	10.00
Lillian Pond	1.40	12.50
Chicot	1.20	10.00
PINK:		
Mrs. Thos. Lawson	1.40	12.50
Enchantress	4.00	35.00
Mrs. Joost	1.00	10.00
Success	1.00	10.00
Mermaid	1.00	10.00
Cressbrook	1.00	10.00
Pres. McKinley	1.40	12.50
Mrs. Theo. Roosevelt	1.40	12.50
SCARLET:		
G. H. Crane	$1.00	$10.00
America	1.00	10.00
SCARLET:		
P. Palmer	$1.00	$10.00
Estelle	1.40	12.50
J. H. Manley	1.50	15.00
Apollo	1.50	15.00
CRIMSON:		
Harlowarden	1.40	12.50
Gov. Roosevelt	1.20	10.00
YELLOW:		
Golden Beauty	1.40	12.50
Eldorado	1.00	10.00
VARIEGATED:		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Stella	1.40	12.50
Armazindy	1.00	10.00
Viola Allen	1.20	11.00
Gaiety	1.20	11.00

Special prices on large lots. Unrooted pips at half price of above. 25 at 100 rate. 250 at 1000 rate. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

Loomis Floral Company, LOOMIS, CAL.

Mention The Review when you write.

Mrs. Roosevelt has named a new chrysanthemum Lou Dillon.

Paul Berkowitz was a recent vistor.

Gude's had part of the decoration at the unveiling of the Frederick the Great statue last Saturday. Six large green galax wreaths, crescent shaped, with clusters of leucothœ, were made and one wreath seven feet in diameter. White oilcloth covered the center, lettered. The large one had the first verse of America. One of the smaller ones had the second verse and one the German national anthem, etc.

Blackistone reports a fine business. He has a new palm van.

Shaffer has his window filled with Beauties and chrysanthemums.

J. H. Small & Son had a fine chrysanthemum show during the week of November 7, also a show of orchids.

The Florists' Club recently had the first special meeting for convention work. They voted to make this a record breaker. Nothing will be left undone to make the coming meeting of the S. A. F. the best yet. President Gude said, "Boys, we have our coats off now and they stay off until the S. A. F. is called to order next August." Vice-president Freeman was not able to be present. He was laid up with a bad cold, but sent a note, "I am with you boys, go ahead."

Rambler.

Marshall, Mo.—D. H. Heskett & Sons say trade is exceptionally good for the time of year on account of the numerous weddings and funerals. They have been cutting some especially fine mums and carnations, for which they have found ready sale.

Davenport, Ia.—The Tri-City Florists' Club met at Central park Nov. 10 to see the chrysanthemums. Supt. Adolph Arp and Emil Boehn, the grower, talked on varieties and culture. The next meeting will be in Davenport Dec. 8, when Henry Gaethje, of Rock Island, will read a paper.

PACIFIC COAST.

GLADIOLI.

During the past week I have finished cutting the last of my crop of gladiolus flowers and from a patch of bulbs planted on a piece of ground 20x75 feet I cut about 4,000 spikes of bloom. I received an average of $1.50 per hundred or about $60 for the entire lot. I purchased 500 bulbs two years ago and planted them in rows two feet apart, keeping the colors separated. I dug out after the first flowering about 100 bulbs that did not produce good selling colors and left those that were distinct shades of pink, red, cerise or cream. I found that there was a good demand for all the bright shades, especially those that bordered on scarlet or deep pink, and considering that there was hardly any labor attached to the growing of these flowers and there was no difficulty in disposing of them, I consider them to be among my best paying crops.

Although I have cultivated gladioli for many years I have always looked on them as a garden flower hardly worth cultivating for market and as a consequence have given them little attention but when I imported these newer hybrids I very soon discovered that there was no trouble to create an immediate demand for them and I expect to cut twice as many this coming season. In this locality they commence to flower in June and last well into November.

I find that they like an abundance of water during the flowering season and if the ground in which they are planted has not ample drainage they had better be taken up in the fall and replanted early in the spring. If there is no danger of a superabundance of moisture, however, the bulbs can be left in the ground without any damage to them. Although the gladioli will grow in almost any garden

soil, they are heavy feeders during their flowering season and quickly respond to a good mulching of well rotted manure, which should be applied once during the year.

The trouble with this flower has been that we had too large a percentage of poorly grown and off-colored blooms. With this new race of gladioli, if this year's demand is any criterion, there should be no trouble to make them one of our best paying crops. Bunches of one variety sell much better than mixed lots and I have noticed that there are about ten varieties in my collection of twenty-five that seem to be especially attractive to the public. The small white, early-flowered gladiolus, The Bride, has always been one of our best selling blooms and becomes especially valuable during Decoration week. Many thousands of these can be grown on a small space and they respond especially well to applications of liquid manure applied two or three times during their growing season. G.

SAN FRANCISCO.

The Market.

Business is gradually getting better and as it nears Thanksgiving prices are stiffening somewhat. The weather is very favorable for an abundance of flowers and the chances are that there will be an over-supply next week. The yellow mums were cut closely for the California-Stanford foot ball contest last Saturday and many thousands were disposed of to the sympathizers for the Berkeley team. The weather still continues most favorable for mums and although the prices have been better for the last week, there is no shortage of flowers. Indoor flowers are bringing from $1 to $2.50 per dozen. Mrs. Jerome Jones is the best white offered and Bonnaffon the best of the yellows. Roses are in fair supply and Beauties are somewhat more plentiful. Roman hyacinths have made their appearance. They sell at three dozen for a dollar. Carnations are still selling at the same prices they did for the past month.

Various Notes.

The Cox Seed Co. has received a large consignment of rhododendrons from Belgium. They arrived in splendid shape.

Several enterprising hucksters did a very thriving business with yellow mums on the day of the big foot ball event at Berkeley. They purchased heavily of yellow mums at the rate of about 50 cents per dozen and had no difficulty in selling them at 25 to 50 cents each. It was estimated that not less than 50,000 flowers were displayed at the game.

John Pouyal is receiving some extra fine Estelle carnations from J. P. McDonell, of Alden.

Domoto Bros. have just received a large importation of tree peonies from Japan. They will import very largely for the coming season. G.

CHARLESTON, W. VA.—The Charleston Cut Flower & Plant Co. has been organized with S. A. Gregg secretary and treasurer and H. F. Winter manager, the former having been until recently with J. W. Alexander. On November 19 they opened their store at 816 Quarrier street and gave away small palms as souvenirs. It was a good advertisement.

300,000 Rooted Carnation Cuttings

NOW READY

☞ These low prices good only up to December 20th.

White:	Per 100	1000	5000
Queen Louise	$1.00	$10.00	$45.00
Flora Hill	1.00	10.00	45.00
Alba	1.40	12.50	60.00
Wolcott	1.00	10.00	45.00
Norway	1.00	10.00	45.00
White Cloud	1.00	10.00	45.00
Pink:			
Lawson	1.20	12.50	60.00
Marquis	1.00	10.00	45.00
Enchantress	3.50	30.00	....
Genevieve Lord	1.00	10.00	45.00
Mrs. Joost	1.00	10.00	45.00
Success	1.00	10.00	45.00
Mermaid	1.00	10.00	45.00
Cressbrook	1.00	10.00	45.00
McKinley	1.40	12.50	60.00

Scarlet:	Per 100	1000	5000
Crane, still ahead	$1.00	$10.00	$45.00
America	1.00	10.00	45.00
P. Palmer	1.00	10.00	45.00
Estelle	1.40	12.50	60.00
Crimson:			
Harlowarden	1.40	12.50	60.00
Gen. Gomez	1.00	10.00	45.00
Yellow:			
Golden Beauty	1.40	12.50	60.00
Eldorado	1.00	10.00	45.00
Variegated:			
Prosperity, fancy	1.40	12.50	60.00
Violania, still ahead	5.50	50.00	....
Marshall Field	1.40	12.50	60.00
Stella	1.40	12.50	60.00
Armazindy	1.00	10.00	45.00
Viola Allen	1.20	11.00	50.00

Unrooted Pips at half price of Rooted Cuttings.
25 at 100 or 1000 rates; 2500 at 5000 rate.
Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

California Carnation Company,

Lock Box 103. LOOMIS, CAL.

Mention The Review when you write.

200,000 ROOTED

Carnation Cuttings

NOW READY.

WHITE	Per 100	Per 1000
Queen Louise	$1.00	$10.00
Flora Hill	1.00	10.00
Gov. Wolcott	1.00	10.00
Alba	2.00	15.00
White Cloud	1.00	10.00
PINK		
Lawson	1.20	12.50
Marquis	1.00	10.00
Enchantress	3.50	30.00
Mrs. Joost	1.00	10.00
McKinley	1.40	12.50
Mermaid	1.00	10.00
Cressbrook	1.00	10.00

SCARLET	Per 100	Per 1000
Crane	$1.00	$10.00
America	1.00	10.00
Estelle	1.40	12.50
CRIMSON		
Harlowarden	1.40	12.50
YELLOW		
Eldorado	1.10	12.50
Golden Beauty	1.40	12.50
VARIEGATED		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Armazindy	1 00	10.00
Viola Allen	1.20	11.00

Unrooted Cuttings at one-half price of Rooted Cuttings.
Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

Loomis Carnation Co. LOCK BOX 115 Loomis, Cal.

Mention The Review when you write.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2¼-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

Mention The Review when you write.

CARNATION ROOTED CUTTINGS NOW READY

	100	1000		100	1000
Queen Louise, fine white	$1.20	$10.00	Armazindy, barred	$1.00	$10.00
Alba, large white	1.40	12.00	Mrs. Joost, pink	1.20	10.00
America, red	1.00	10.00	Lawson, pink	1.40	12.50
Mrs. P. Palmer, big scarlet	1.20	10.00	Pres. McKinley, pink	1.40	12.50
G. H. Crane, scarlet	1.20	10.00	Success, light pk.	1.20	10.00
Eldorado, yel.	1.20	10.00	Harlowarden, crimson	1.40	12.50
Marshall Field, barred	1.40	12.50	Gov. Roosevelt, crimson	1.40	12.50

Unrooted Cuttings one-half price. Terms—Cash with order or C.O.D., with privilege of examining. Express prepaid at above prices. All plants warranted true to name and well rooted.

HERMITAGE CARNATION CO., Loomis, Cal.

Mention The Review when you write.

REES & COMPERE

POST OFFICE ADDRESS:
LONG BEACH, CAL., R. F. D. No. 1.

The Largest Growers of FREESIA BULBS in the U. S.

SPECIALTIES—Freesias, Grand Duchesse Oxalis, Bermuda Buttercup, Amaryllis Johnsonii and Belladonna, Gladioli, Ornithogalum, Zephyranthes Rosea and Candida, Chilidanthus Fragrans, Hybrid Tigridias, Chinese Narcissus, etc., etc.

EATON, O.—Wm. F. Straw, of Straw Bros., is planning to put a range of about 10,000 feet of glass early next spring.

Our Christmas Novelties

Our knowledge and experience enable us to offer you only the Best, the Most Novel and Standard Supplies. Your trade demands Nineteen Four Stock. That is what we offer you. Here are a few of our specialties:

Immortelles of every color; Wreaths in Holly, Magnolia, Beech and Ruscus-like Smilax, all very fine; Christmas Bells; all sizes of Immortelles and Crepe Paper; Silver Vases, very handsome. For these and all other supplies, send to the largest supply house.

H. BAYERSDORFER & CO.

The Largest Florists' Supply House in America.
50, 52, 54 and 56 North Fourth Street, PHILADELPHIA.

ALPHA Christmas Bells!

Having received so many orders for **ALPHA BELLS** this year that we cannot promise delivery of any further orders received after December 1.



Patented March 15, 1904
No. 754,782

A medium priced Bell, but as good as the best that has ever been put on the market. Perfect and graceful in shape, bright and attractive in color. They are strongly and firmly made—easily handled—no chance for breakage.

L. WERTHEIMBER & CO.,
FOREIGN AND DOMESTIC SPECIALTIES
39 Barclay Street, NEW YORK CITY

Mention The Review when you write.

DENVER.

Among the Growers.

A recent visit to the various growers' establishments shows that everything is in pretty good shape for the coming winter. At the Mud Lake establishment, of which Ben Boldt is proprietor, the plant stock for Christmas is exceptionally good. Poinsettias from the California stock of last year are equal to their progenitors, which were at the highest state of perfection and proved quite profitable. In a house of this plant I noticed a large batch of them grown in 6 and 7-inch pots that were carrying three to six leaders or heads, which had not lost any of their vigor by having been pinched back twice during the growing season. Those plants were struck in mid-winter, which enables the grower to produce, under this system of cutting, a more attractive plant than the single stem. Mr. Boldt's pans of poinsettias are more promising, if anything, and bid fair to be more attractive than last year. He has interspersed among the large plants a late propagation of dwarf stock which fills up the naked space between the stems and also covers the surface of the pans. Lilium Harrisii and speciosum in varieties are being forced for Christmas trade. The Harrisii are strong and healthy, no sign of disease and without the loss of a single plant in a batch of several hundred.

Prominent among the potted stuff at the Park Floral Company's is a house each of cylamen, Begonia Lorraine and one of poinsettias. Cyclamen are a hobby of the foreman, Mr. Sked, who for several years has given a close study to cross breeding and culture, the results of which have been many new colors of peculiar formation and large size. Lorraines will be of a more profitable character than last year, as they will not be so far advanced and will carry more flowers at the holiday time. Poinsettias will be up to their usual character—dark in foliage and strong in bract formation. A large part of this stock is grown in pans and finds a more profitable market than the single-stemmed ones. In fact, the culture of the begonia and cyclamen, as well as the poinsettia, when grown in pans from their earlier stage of existence, gives more satisfaction to all concerned than when transformed at a later date from large pots to pans and then offered for sale. This firm also grows a quantity of Primula obconica and Sinensis in pans for holiday trade.

The Colfax Avenue Floral Company is also a large grower of the poinsettia and have had a house full of very creditable stock. This firm also grows miscellaneous potted stuff extensively for Christmas trade.

I notice most of the azalea growers are importing a better character of plants than heretofore, so prices will probably go up on them at Christmas. Perle, Mardner and Van der Cruyssen have been put into a gentle heat and will be brought on gradually and be in better conditon for marketing than if forced out quickly. Great Divide.

MISTLETOE.

5 lbs., $1.00; 10 lbs., $1.50; 25 lbs., $2.50
SATISFACTION GUARANTEED.
Write for Special Prices on large lots.
MRS. CEO. J. STARR, Wilson, N. C.

Mention The Review when you write.

C. S. FORD

1417 Columbia Avenue,
Established 1881 **Philadelphia, Pa.**

MANUFACTURER OF
IMMORTELLE NOVELTIES
AND DEALER IN
FLORISTS' SUPPLIES

See issue of November 10 for price list of Christmas Novelties. Also Representing

A. HERRMANN, 404 E. 34th St., New York.
D. B. LONG, Buffalo, N. Y., and others.

Selling agents for Palms and general plant stocks. Correspondence solicited.

Mention The Review when you write.

MISTLETOE
for the Holidays

GIVE US YOUR INQUIRIES.

The Walker Seed Co.
OKLAHOMA CITY, OKLA.

Mention The Review when you write.

BOUQUET GREEN

Best quality at lowest rates. We gather our own **Greens** and bring by our own boat direct.
Also **Christmas Trees.**

Northern Michigan Evergreen Nursery,
SCHOONER GEO. L. WRENN, H. Schuenemann, Capt.
S. W. Cor. Clark St. Bridge. CHICAGO.

Lorain, O.—F. J. Stehle is building three 300-foot houses for carnations. He has two places here and the new one is up-to-date in every particular. It represents an investment of from $10,000 to $15,000.

Our List of NOVELTIES FOR 1905 Will Be Very Complete

Chrysanthemums
Carnations
Geraniums
Begonias

LET US QUOTE YOU

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

L. B. BRAGUE,



Hinsdale, Mass.
WHOLESALE DEALER IN
Christmas Trees
AND
Baled Spruce
FOR CEMETERY USE.

Special attention paid to furnishing in car-load lots. Write for price list and terms.

ALSO WHOLESALE DEALER IN
EVERGREENS, CUT FERNS,
SPHAGNUM MOSS, Etc., Etc.

Mention The Review when you write.

MISTLETOE

The best Mistletoe grows in New Mexico. Sprays all heavily berried. Samples free if desired. We are prepared to quote wholesale prices delivered at any express office in the U. S. or Canada. : : : : : : : :

F. C. BARKER & CO.
Las Cruces, :: New Mexico.

Mention The Review when you write.

TEXAS MISTLETOE For Christmas decorations. Absolutely the finest in the land. Heavy rich green foliage, fine large white berry. Keeps well for 60 days after cutting. Can ship in quantities from a crate to car lot. Large size crate sent to any address by express on receipt of $1.00. Address

WILLIAM ANDERSON,
BROWNWOOD, TEXAS.

Mention The Review when you write.

Somergem, November, 15th, 1904.

Notice to the Trade:

The partnership heretofore existing between the undersigned having expired by limitation, the firm of

HAERENS BROTHERS

is now dissolved by mutual consent. August Haerens will attend to the liquidation of the old firm's business. Respectfully,

August Haerens.
Henri Haerens.

Referring to the above notice, the undersigned begs to inform the trade that he has bought the entire Nurseries, and will continue the business of growing Azalea Indica, Exotic Palms, Araucarias, Ficus, etc., henceforth for his sole account, under the firm name of

AUGUST HAERENS.

August Rolker & Sons, of 31 Barclay Street, New York, remain as in the past his Sole American Agents.

Mention The Review when you write.

CYCLAMEN GIGANTEUM.

Large flowering plants, in bud and bloom, 4-inch, $10.00 per 100; 5-inch, $15.00 per 100.

Asparagus Plumosus Nanus, fine plants, 3-in., $3.00 per 100; 4-in., $7.00 per 100. Genistas, 3-in., $4.00 per 100. Primula Chinensis, 4-in., $6.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave. UTICA, N.Y.

Mention The Review when you write.

Pansies 100,000 Pansies

Excellent Strain. None Better.
$2.50 per 1000. $10.00 for 5000

MOREL BROS., 624 East Market Street, SCRANTON, PA.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

THE LITTLE WHITE FLY.

Please tell me how to rid my fuchsias of the small, white fly. I have dipped the plants in warm water, temperature of 110 to 120 degrees, but it did little good. I use tobacco dust freely. Please tell me what to do to clean them out.

W. H. F.

We have so far escaped this little pest, but have seen it in all its glory at some neighbor's not many miles away. It may have its favorite food plants but they will go for almost any plant when they get numerous in a house. Tobacco seems useless in any form. We believe there is only one method to exterminate these creatures, viz., hydrocyanic acid gas. Now it happens that Mr. Croydon, under the vegetable department in a recent REVIEW, has given the identical formula that we have been using for the past two or three years and which he truly says will destroy all kinds of aphis and this white fly, in fact anything that has lungs. It is absolutely harmless to the plants if carefully handled. It is simply this: One pint sulphuric acid, one pint water and two and a half ounces of cyanide. This quantity for 2,000 cubic feet of air space. For other particulars read Mr. Croydon on page 1258, November 10.

W. S.

THE advertisement in the REVIEW did the business on the geranium cuttings.—W. H. JONES, Lorain, O.

Chrysanthemum Stock Plants.

White Fitzwygram, Opah, Willowbrook, 5c each. Monrovia, Omega, Robinson, Halliday, Jerome Jones, Yellow Jones, Mrs. Weeks, Appleton, Bonnaffon, Timothy Eaton, Yellow Eaton, Mrs. Perrin, Marion Newell, 8c each. Marie Liger, Malcolm Lamond, Mlle. Douillet, Viviand-Morel, Fee du Champsaur, Golden Wedding, White Bonnaffon, White Maud Dean, Ida Barwood, Baden Powell, Mrs. Chamberlain, Silver Queen, Tancred Bastet, Lily Mountford, C. J. Salter, Mrs. Coombes, Nellie Pockett, Mrs. T. W. Pockett, 15c each. Diederich, Globosa Alba, Lord Hopetoun, Ethelyn, Percy Plumridge, Harry Plumridge, Leila Filkins, Ben Wells, 25c each.

FERNS—Boston Ferns, 2½-in., $5.00 per 100; 3-in., 8c; 4-in., 15c; 5-in, 25c; 6-in, 50c; 7-in, $1.00, 8-in, $1.25.

Piersoni—2½-in, 8c. Cash or C. O. D.

W. J. & M. S. VESEY,
FORT WAYNE, IND.

Mention The Review when you write.

New Hardy Annual

The Gold Medal carmine flowered tobacco plant. Silver Medal Mass. Hort. Society, Boston, Nov. 3, 1904.

Nicotiana Sanderae

Seeds in original packets from all seedsmen throughout the United States.

Gold Medal London, 1903. Gold Medal Royal Horticultural Society of England, 1904. First-class Certificate and Barksian Medal by 24 members Floral Committee R. H. S.

Particulars, colored illustrations, etc., from

SANDER & SONS, St. Albans, England.

Wholesale agents for the United States:
H. A. Dreer, 714 Chestnut St., Philadelphia, Pa.
J. M. Thorburn & Co., 36 Cortlandt St., New York.
Vaughan's Seed Store, Chicago and New York.

Mention The Review when you write.

MERSTHAM YELLOW.

Scored 90 points October 1st.

The finest early yellow Chrysanthemum in sight. 50c each; $5.00 per doz.; $35.00 per 100.

Order Now for January delivery.

CHARLES H. TOTTY, Madison, N. J.

The King of all Carnations, the New Scarlet Seedling

ROBERT CRAIG (WARD)

Has been Awarded the following honors:

PRELIMINARY CERTIFICATE..American Carnation Society
SPECIAL DIPLOMA.....American Institute of New York
First-class Certificate of Merit.....Mass. Horticultural Society
" " " .....Penn. " "
" " " .....New York Florists' Club
Craig Cup for the best undisseminated seedling....Philadelphia
G. Hartman Kuhn Special Prize, for best undisseminated seedling....Philadelphia

The largest, strongest stemmed, most vigorous, healthiest growing, most fragrant, and the best FANCY COMMERCIAL SCARLET CARNATION produced to date. Ranks with Enchantress and Fiancee, having defeated the latter variety in all competitions at Philadelphia.

The Ideal Christmas Carnation.

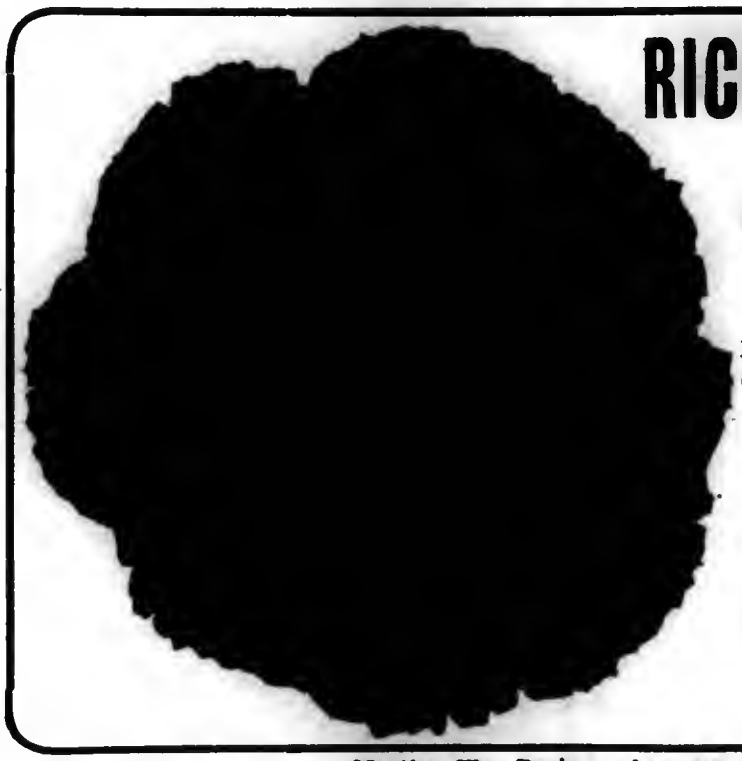
AN ENORMOUS BLOOM.

Just the color of the Christmas Holly Berry. An easy doer; anybody can grow it. Having already entered orders for 100,000 cuttings for delivery season of 1906, we are still booking orders subject to buyer's cancellation if dissatisfied with variety at any time up to December 1, 1905.

PRICES: $2.50 per doz.; $12 per 100; $100 per 1000.
2500 lots at $95 per 1000; 5000 lots at $90 per 1000.
10000 lots or more at $80 per 1000. Send your orders early to

C. W. WARD, Originator, Cottage Gardens Company, Inc. Queens, N. Y.

Mention The Review when you write.



RICHMOND GEM

THE FINEST

COMMERCIAL SCARLET

Ever Introduced.

PLACE YOUR ORDERS EARLY.
SEND FOR CIRCULAR.

Per Hundred....$10.00
Per Thousand.. 75.00

B. K. & B. FLORAL CO.

RICHMOND, IND.

Mention The Review when you write.

RED SPORT RED CARNATION.

The New "Bread .....and Butter"

If you are interested in a commercial red that there is money in, read our half page "AD" in Nov. 10 issue of The Florists' Review, page, 1282.

WE HAVE THE "REAL THING."

A. B. DAVIS & SON, Carnation Specialists, PURCELLVILLE, VA.

Mention The Review when you write.

Chrysanthemum Stock Plants

Opal and Polly Rose.....5c each
Monrovia, Alice Byron, C. J. Salter....10c each $1.00 per dozen.
Cheltoni, Wm. Duckham, Dr. Enguehard, 15c each $1.50 per dozen.

Larchmont Nurseries, Larchmont, N. Y.

Mention The Review when you write.

STRONG, FIELD-GROWN MUMS!

STOCK PLANTS.

Estelle, Glory of Pacific, Robinson, Bassett, Kalb, 10 cents each; $1.00 per doz.; $7.00 per 100.

A. HAUGE,

BIRMINGHAM, - ALABAMA.

Mention The Review when you write.

CHRYSANTHEMUMS

STOCK PLANTS NOW READY.
LARGE, STRONG AND HEALTHY.

Glory Pacific, Polly Rose, Willowbrook, Ivory, Pink Ivory, $1.00 per dozen; $6.00 per 100. **Monrovia, Robt. Halliday,** $1.00 per dozen; $7.00 per 100.

Engagements solicited for rooted carnation cuttings. Delivery January 1st and later.

H. WEBER & SONS, - OAKLAND, MD.

Mention The Review when you write.

I DO not think anyone can carry on the florist business to the best success without the REVIEW.—MAX SCHREIBER, McDonald, Pa.

I ENCLOSE a dollar for renewal of my subscription; it is worth several times that sum to me each year.—JESSE P. KING, Mt. Airy, Md.

Fred Burki

is the ideal Commercial White Carnation.

Its freedom of bloom coupled with its other meritorious qualities will commend it to the most conservative growers. You will make no mistake by growing **FRED BURKI.**

$12.00 per 100; $100.00 per 1000; 250 at 1000 rate.

JOHN MURCHIE,
SHARON, PA.

S. S. SKIDELSKY,
824 No. 24th St., Philadelphia.

WRITE FOR DESCRIPTIVE CIRCULAR.

Mention The Review when you write.

FIELD-GROWN Carnations..

It has been a good growing season with us and plants are in fine shape, strong and bushy.

	Per 100	Per 1000
White:		
FLORA HILL	$3 50	$30 00
PERU	3 50	30 00
QUEEN LOUISE	3 50	30 00
Pink:		
MRS. T. W. LAWSON	6 00	50 00
MRS. NELSON	3 50	30 00
GUARDIAN ANGEL	3 50	30 00
McKINLEY	3 50	30 00
Light Pink:		
MRS. HIGINBOTHAM	3 50	30 00
Red;		
CHICAGO	3 50	30 00
MRS. INE	3 50	30 00
Maroon:		
HARLOWARDEN	4 50	40 00
Variegated:		
MRS. BRADT	6 00	50 00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

Peter Reinberg,

51 Wabash Ave. CHICAGO.

Mention The Review when you write.

SPECIAL SALE
CHRYSANTHEMUM STOCK PLANTS.

Australie, A. J. Balfour, Alice Byron, Minnie Bailey, Bentley, Chadwick, Convention Hall, Col. Powell, Lucy Deveau, Eaton, Yellow Eaton, Robt. Halliday, Marie Liger, Mrs. Coombes, Mrs. Emmerton, Mrs. Chamberlain, Mrs. Thirkell, Mrs. Pockett, Mrs. Tranter Mme. Herrewege, Mme. Nicollaud, Mme. Paola Radaelli, Millicent Richardson, Mounier, Golden Wedding, R. E. Richardson F. S. Vallis, Yanariva, **7c each.**

S. T. Wright, F. A. Cobbold, Mildred Ware, Mrs. Buckbee, Lily Mountford, Percy Plumridge, F. Molyneux, **15c each.**

Wm. Duckham Leila Filkins, Ben Wells, Maynell, W. R. Church, Mrs. F. S. Vallis, **25c each.**

ASPARAGUS SPRENGERI
strong 2¼x3¼, $2.00 per 100.

Any number of plants at these figures but no order filled for less than $2.00.

W. A. CHALFANT, SPRINGFIELD, MO.

Mention The Review when you write.

Palmer's Red Lawson

NOW READY!

SPORT FROM THE FAMOUS MRS. THOMAS LAWSON

Planted May 18th, in full crop middle of August

ROOTED CUTTINGS:
$10.00 per 100
$40.00 per 500
$75.00 per 1000

Ask your *Brother Florist* if he saw it at the Detroit Carnation Show. Ten to one he will say it's a good carnation to grow. **Received CERTIFICATE OF MERIT at Detroit Carnation Show—scoring 87 pts.**

W. J. Palmer & Son
Lancaster, N. Y.

Mention The Review when you write.

The Best Commercial Scarlet Carnation to be disseminated in January 1905, is ....CRISIS....

Write for descriptive circular. $2.00 per doz., $12.00 per 100, $100.00 per 1000. $95.00 per 1000 in 5000 lots. Prices on larger quantities on application.

DAVIS BROS. CO., Bloomsburg, Pa.

Mention The Review when you write.

Chrysanthemum Stock Plants

Wm. Duckham, 8 to 10 live shoots, $2.00 per dozen. Grown by FRITZ BAHR, Highland Park, Ill. Send orders to

E. F. WINTERSON CO.
45-47-49 Wabash Ave., Chicago.

MONEY IN MUMS
GET THE RIGHT ONES

White—Polly Rose, Willow Brook, Ivory, Niveus (Grand), Adula (Best Incurved), Eaton (Mammoth). Pink—Glory of Pacific, Pink Ivory, Liger, Daybreak. Yellow—Appleton, Yellow Eaton, Philadelphia, Pennsylvania, Bonnaffon, Lincoln. Money makers, every one of them. Any four for 25c; twenty for $1.00.

W. J. OLDS, - UNION CITY, PA.

Chrysanthemums! Stock Plants!

The new Wells-Pockett set of the best of this season's introductions in strong plants. All sorts, each 20 cents; per dozen, $2.00.

These include all the best and latest introductions, and are true to name. These new acquisitions have proven successful in the crysanthemum line, and should be grown very extensively next season.

Madame Paul Sahut—a new early white that will take the place of Estelle and Polly Rose in the extra earlies. It is a decided acquisition in the early whites. Good stem and foliage, and an all-around good white. One of the very best yet introduced. Stem three feet; flowers as good as the best Robinson, and two weeks earlier. 25 cents each. $2.50 per dozen. We can supply this in quantity.

Good sorts, including Alice Byron, Ida Barwood, Madame Diedericbs, Guy Hamilton, Golden Age, Mrs. Buckbee, and others, all extra good, including Carrie, an extra early yellow in bloom September 15th, 15 cents each; $1.50 per dozen.

The old standard sorts, such as Golden Wedding, Silver Wedding, Appleton, Lavender Queen, White and Yellow Jones, Estelle, Polly Rose, Henderson, Robinson, etc., 10 cents each. 75 cents per dozen.

Have these sorts in quantity. Can make prompt shipments.

Satisfaction guaranteed on all orders. Cash, please.

CRITCHELL'S, Avondale, Cincinnati Ohio.

Mention The Review when you write.

THE LITTLE WHITE FLY.

Please tell me how to rid my fuchsias of the small, white fly. I have dipped the plants in warm water, temperature of 110 to 120 degrees, but it did little good. I use tobacco dust freely. Please tell me what to do to clean them out.

W. H. F.

We have so far escaped this little pest, but have seen it in all its glory at some neighbor's not many miles away. It may have its favorite food plants but they will go for almost any plant when they get numerous in a house. Tobacco seems useless in any form. We believe there is only one method to exterminate these creatures, viz., hydrocyanic acid gas. Now it happens that Mr. Croydon, under the vegetable department in a recent REVIEW, has given the identical formula that we have been using for the past two or three years and which he truly says will destroy all kinds of aphis and this white fly, in fact anything that has lungs. It is absolutely harmless to the plants if carefully handled. It is simply this: One pint sulphuric acid, one pint water and two and a half ounces of cyanide. This quantity for 2,000 cubic feet of air space. For other particulars read Mr. Croydon on page 1258, November 10.

W. S.

THE advertisement in the REVIEW did the business on the geranium cuttings.—W. H. JONES, Lorain, O.

Chrysanthemum Stock Plants.

White Fitzwygram, Opah, Willowbrook, 5c each. Monrovia, Omega, Robinson, Halliday, Jerome Jones, Yellow Jones, Mrs. Weeks Appleton, Bonnaffon, Timothy Eaton, Yellow Eaton, Mrs. Perrin, Marion Newell, 8c each. Marie Liger, Malcolm Lamond, Mlle. Douillet, Viviand-Morel, Fee du Champsaur, Golden Wedding, White Bonnaffon, White Maud Dean, Ida Barwood, Baden Powell, Mrs. Chamberlain, Silver Queen, Tancred Bastet, Lily Mountford, C. J. Salter, Mrs. Coombes, Nellie Pockett, Mrs. T. W. Pockett, 15c each. Diederich, Globosa Alba, Lord Hopetoun, Ethelyn, Percy Plumridge, Harry Plumridge, Leila Filkins, Ben Wells, 25c each.

PERNS—Boston Ferns, 2½-in., $5.00 per 100; 3-in., 8c; 4-in., 15c; 5-in, 25c; 6-in, 50c; 7-in, $1.00, 8-in, $1.25.

Piersoni—2½-in, 8c. Cash or C. O. D.

W. J. & M. S. VESEY,
FORT WAYNE, IND.

Mention The Review when you write.

New Hardy Annual

The Gold Medal carmine flowered tobacco plant. Silver Medal Mass. Hort. Society, Boston, Nov. 3, 1904.

Nicotiana Sanderae

Seeds in original packets from all seedsmen throughout the United States.

Gold Medal London, 1903. Gold Medal Royal Horticultural Society of England, 1904. First-class Certificate and Barksian Medal by 24 members Floral Committee R. H. S.

Particulars, colored illustrations, etc., from

SANDER & SONS, St. Albans, England.

Wholesale agents for the United States:
H. A. Dreer, 714 Chestnut St., Philadelphia Pa.
J. M. Thorburn & Co., 36 Cortlandt St., New York.
Vaughan's Seed Store, Chicago and New York.

Mention The Review when you write.

MERSTHAM YELLOW.

Scored 90 points October 1st.

The finest early yellow Chrysanthemum in sight. 50c each; $5.00 per doz.; $35.00 per 100.

Order Now for January delivery.

CHARLES H. TOTTY, Madison, N. J.

The King of all Carnations, the New Scarlet Seedling

ROBERT CRAIG (WARD)

Has been Awarded the following honors:

PRELIMINARY CERTIFICATE..American Carnation Society
SPECIAL DIPLOMA.....American Institute of New York
First-class Certificate of Merit.....Mass. Horticultural Society
" " " .....Penn. " "
" " " .....New York Florists' Club
Craig Cup for the best undisseminated seedling....Philadelphia
G. Hartman Kuhn Special Prize, for best undisseminated seedling....Philadelphia

The largest, strongest stemmed, most vigorous, healthiest growing, most fragrant, and the best FANCY COMMERCIAL SCARLET CARNATION produced to date. Ranks with Enchantress and Fiancee, having defeated the latter variety in all competitions at Philadelphia.

The Ideal Christmas Carnation.

AN ENORMOUS BLOOM.

Just the color of the Christmas Holly Berry. An easy doer; anybody can grow it. Having already entered orders for 100,000 cuttings for delivery season of 1906, we are still booking orders subject to buyer's cancellation if dissatisfied with variety at any time up to December 1, 1905.

PRICES: $2.50 per doz.; $12 per 100; $100 per 1000.
2500 lots at $95 per 1000; 5000 lots at $90 per 1000.
10000 lots or more at $80 per 1000. Send your orders early to

C. W. WARD, Originator, Cottage Gardens Company, Inc. Queens, N. Y.

Mention The Review when you write.



RICHMOND GEM

THE FINEST

COMMERCIAL SCARLET

Ever Introduced.

PLACE YOUR ORDERS EARLY.
SEND FOR CIRCULAR.

Per Hundred....$10.00
Per Thousand.. 75.00

B. K. & B. FLORAL CO.

RICHMOND, IND.

Mention The Review when you write.

RED SPORT RED CARNATION.

The New "Bread .....and Butter"

If you are interested in a commercial red that there is money in, read our half page "AD" in Nov. 10 issue of The Florists' Review, page, 1282.

WE HAVE THE "REAL THING."

A. B. DAVIS & SON, Carnation Specialists, PURCELLVILLE, VA.

Mention The Review when you write.

Chrysanthemum Stock Plants

Opal and Polly Rose.....5c each
Monrovia, Alice Byron, C. J. Salter....10c each $1.00 per dozen.
Cheltoni, Wm. Duckham, Dr. Enguehard, 15c each $1.50 per dozen.

Larchmont Nurseries, Larchmont, N. Y.

Mention The Review when you write.

I DO not think anyone can carry on the florist business to the best success without the REVIEW.—MAX SCHREIBER, McDonald, Pa.

STRONG, FIELD-GROWN MUMS!

STOCK PLANTS.

Estelle, Glory of Pacific, Robinson, Bassett, Kalb, 10 cents each; $1.00 per doz.; $7.00 per 100.

A. HAUGE,

BIRMINGHAM, - ALABAMA.

Mention The Review when you write.

CHRYSANTHEMUMS

STOCK PLANTS NOW READY.
LARGE, STRONG AND HEALTHY.

Glory Pacific, Polly Rose, Willowbrook, Ivory, Pink Ivory, $1.00 per dozen; $6.00 per 100. **Monrovia, Robt. Halliday,** $1.00 per dozen; $7.00 per 100.

Engagements solicited for rooted carnation cuttings. Delivery January 1st and later.

H. WEBER & SONS, - OAKLAND, MD.

Mention The Review when you write.

I ENCLOSE a dollar for renewal of my subscription; it is worth several times that sum to me each year.—JESSE P. KING, Mt. Airy, Md.

Fred Burki

is the ideal Commercial White Carnation.

Its freedom of bloom coupled with its other meritorious qualities will commend it to the most conservative growers. You will make no mistake by growing **FRED BURKI.**

$12.00 per 100; $100.00 per 1000; 250 at 1000 rate.

JOHN MURCHIE,
SHARON, PA.

S. S. SKIDELSKY,
824 No. 24th St., Philadelphia.

WRITE FOR DESCRIPTIVE CIRCULAR.

Mention The Review when you write.

FIELD-GROWN Carnations..

It has been a good growing season with us and plants are in fine shape, strong and bushy.

	Per 100	Per 1000
White:		
FLORA HILL	$3 50	$30 00
PERU	3 50	30 00
QUEEN LOUISE	3 50	30 00
Pink:		
MRS. T. W. LAWSON	6 00	50 00
MRS. NELSON	3 50	30 00
GUARDIAN ANGEL	3 50	30 00
McKINLEY	3 50	30 00
Light Pink:		
MRS. HIGINBOTHAM	3 50	30 00
Red:		
CHICAGO	3 50	30 00
MRS. INE	3 50	30 00
Maroon:		
HARLOWARDEN	4 50	40 00
Variegated:		
MRS. BRADT	6 00	50 00

All stock sold under express condition that if not satisfactory it is to be returned immediately, when money will be refunded.

Peter Reinberg,

51 Wabash Ave. CHICAGO.

Mention The Review when you write.

SPECIAL SALE
CHRYSANTHEMUM STOCK PLANTS.

Australie, A. J. Balfour, Alice Byron, Minnie Bailey, Bentley, Chadwick, Convention Hall, Col Powell, Luey Deveau, Eaton, Yellow Eaton, Robt Halliday, Marie Liger, Mrs. Coombes, Mrs. Emmerton, Mrs. Chamberlain, Mrs. Thirkell, Mrs. Pockett, Mrs. Tranter Mme. Herrewege, Mme. Nicollaud, Mme. Paola Radaelli, Millicent Richardson, Mounier, Golden Wedding, R. E. Richardson F. S. Vallis, Yanariva, **7c each.**

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Palmer's
Red Lawson

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ROOTED CUTTINGS:
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The old standard sorts, such as Golden Wedding, Silver Wedding, Appleton, Lavender Queen, White and Yellow Jones, Estelle, Polly Rose, Henderson, Robinson, etc., 10 cents each. 75 cents per dozen.

Have these sorts in quantity. Can make prompt shipments.

Satisfaction guaranteed on all orders. Cash, please.

CRITCHELL'S, Avondale, Cincinnati Ohio.

Mention The Review when you write.

Boston and Pierson Ferns. We have about ten thousand feet of glass devoted to these and are crowded for room. To move our surplus we will give you extra value. Send for a sample lot. They are in from 6 to 10-inch pots and we will sell them at $6.00, $8.00, $9.00, $12.00, $15.00 and $18 00 per dozen.

Farfugium Grande. Our stock is finely variegated and in tip top shape. Price, 4-inch pots very bushy, $15.00 per 100; 5-inch pots extra fine; $20 00 per 100.

Special. Watch this list every week. We will offer the surplus from one house each week, at prices which ought to sell it. It will be offered only once. Something else next week. Price subject to stock being unsold. All first-class, in good condition, unless otherwise noted. Terms, "Prompt Cash."

200 **FICUS ELASTICA**—Very choice stuff. 7-inch pots.
18 to 24 inches high, single stems, $6 00 per dozen.
24 to 30 inches high, single stems, 9.00 per dozen.
18 to 24 inches high, branched. 8.00 per dozen.
24 to 30 inches high, branched. 12.00 per dozen.

400 **ABUTILON SAVITZII**, 3-inch well branched. Cut back, fine stock, $4.00 per 100.

600 **BASELLA RUBRA**—3-inch pots, cut back and very bushy. $4 00 per 100.

50 **SALVIA ST. LOUIS**—The good one, 4-in. pots, large, $1 per doz.

50 **LANTANA ELEGANTISSIMA**—The pink trailing or drooping sort. 4-inch pots, strong, 75 cents per dozen.

100 **LANTANA LE POITEVINE**—The best pink bedder. 4-inch pots strong. $1.00 per dozen.

50 **LANTANA WHITE**—Don't know the name of this but it is good. 4-inch pots, $1.00 per dozen.

200 **SALVIA OFFICINALIS VARIEGATA**—One of the best grey foliage plants. 4-inch pots, fine for stock, bushy, 75 cents per dozen; $5.00 per 100.

200 **VINCA MAJOR VARIEGATA**—4-inch pots, not heavy, but good and healthy. $1.00 per dozen: $6.00 per 100.

100 **CYPERUS ALTERNIFOLIUS**—3-inch pots, good plants, 50 cents per dozen.

50 **GERANIUM HARRY HICOVER**—2½-inch pots, 40c per dozen.
100 Geranium, Harry Hicover, 3-inch pots, 50c per dozen.
200 Geranium Mrs. Pollock, 3-inch pots, 50c per doz.: $4.00 per 100.

40 **ACALYPHA MARGINATA**—Cut back, 4-inch pots, 75c per doz.

125 " **WILKESIANA**—Fine stuff in 4-inch pots cut back to about 8 inches and branched. $1.00 per doz.; $7.00 per 100.

125 **ACALYPHA MACROPHYLLA**—Same kind of stock, $1.00 per doz.; $7.00 per 100.

40 **CUPHEA PLATYCENTRA**—4-inch pots, 60c per doz.

20 **AGERATUM STELLA GURNEY**—5-inch pots, stock plants, $1.00 per doz.

Address MICHEL PLANT AND BULB CO., St. Louis, Mo.

Mention The Review when you write

BOSTON BOWLERS.

W. W. Rawson & Co. and Jos. Breck & Sons' Co. rolled the regular match games in the seed trade league, Monday, November 21, resulting in a whitewash for Rawson, Breck & Sons taking three straight. Schlegel & Fottler Co. and Jos. Breck & Sons' Co. roll the next match Monday, November 28.

This promises to be the most exciting match of the season. This week's scores were:

Breck & Sons—	1st	2d	3d	T'l
Elholm	71	83	78	232
Dacey	77	76	55	208
Webber	76	75	80	231
Armstrong	66	75	91	232
Wheaton	85	91	77	253
Totals	375	400	381	1,156
Rawson & Son—	1st	2d	3d	T'l
Taylor	61	75	69	205
Field	63	66	68	197
Rawson	67	59	64	190
Cheney	70	77	75	222
Perry	77	86	71	234
Totals	338	363	347	1,048

CRIPPLE CREEK, COLO.—Miss Florence Kennedy is running a very successful flower store here, getting most of her supplies from Denver and Colorado Springs.

ROCKFORD, ILL.—H. D. Sullivan, who a year ago bought the old greenhouse plant on North Main street, has completely remodeled it, put in a new heating apparatus and has the place in first-class shape.

DORCHESTER, MASS.—At the establishment of the late Lucius H. Foster, they are working up a stock of a compact form of the Anna Foster fern, of which it is said that all the fronds are true to character.

50,000 CANNAS!

Forty leading varieties, $10.00 per 1000 and upwards. Write for list and prices.

THE DINGEE & CONARD CO., West Grove, Pa.

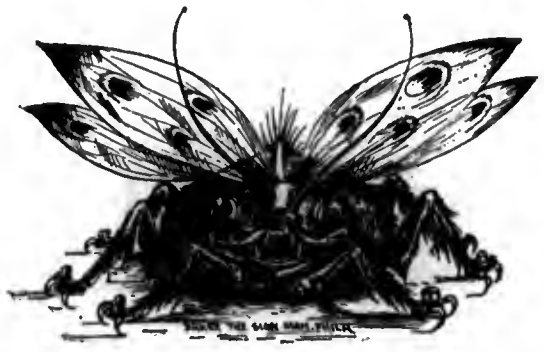
Mention The Review when you write.

ORCHIDS

Our Stock of Established and Semi-established Orchids is the **ACME** of perfection this season. Many in sheath and spike. Write for Catalogue.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.



Araucaria excelsa cheaper and better than anywhere else. Have the largest stock in Philadelphia. No seedlings, but raised from top cuttings in Belgium only. 5½-inch pots, 12 to 15 inches high, 3 to 4 tiers, 60 cents; 5½ to 6-inch pots, bushy plants, 4 to 5 tiers, 15 to 20 inches high, 75 cents; 6-inch pots, 20 to 25 inches high, 5 tiers, $1 each; 6-inch pots, specimen plants, as broad as long, $1.25 to $1.50 each.

Ficus elastica or rubber plants, home grown and imported. Have enough to meet all wants in excellent condition—better than ever—nicely staked up, 6-inch pots, 20 to 30 inches high, having from 16, 20, 25 to 30 perfect leaves to the plant, $4, $5 and $6 per dozen. Specimens 6 to 7-inch pots, 30 to 36 inches high, 75 cents to $1.00 each.

Azalea indica for Christmas blooming are now ready for shipment, strong color. Deutsche Perle, pure double white, Simon Mardner, double deep pink. Vervaeneana large double rose pink. Only selected plants full of buds are raised for Christmas forcing. Price 75 cents, $1, $1.25 to $1.50 each.

Kentia Forsteriana made up plants, 3 in 4-inch pots, 20 inches high, only 20 cents. Kentia Belmoreana and Forsteriana, 6-inch, 30 to 40 inches high, $1.00 each. Kentia Forsteriana, made up, 6-inch pots, 6 inches high, 3 in a pot, $1.25 each. Belmoreana and Forsteriana, 7-inch pots, 40 to 48 inches high, each $1.50.

Latania borbonica, healthy stock, 5 to 6 leaves, 50 cents.

Boston ferns, 6-inch, 2 feet high, 18, 20 to 25 fronds, 40 to 50 cents; 5 and 5½-inch pots, 25, 30 and 35 cents; large 3-inch, 15 cents; 7-inch, as large as a bushel basket, 75 cents to $1.00; 8 to 9 inches, as big as a wash tub, $1.25 to $1.50 each.

Areca lutescens, made-up plants, large, 5-inch pots, 3 in a pot, 30 cents; 5½-inch pots, 50 cents; 6-inch pots, 30 inches high, 3 in a pot, 75 cents.

Asparagus plumosus nanus, 3-inch, strong, $6.00 per 100; 4-inch pots, bushy, at the rate of $10.00 per 100.

Cocos Weddeliana, large, 3-inch, 15 cents.

Ferns, all kinds for dishes, $5.00 per 100; 3-inch, $7.00.

Holly ferns, 3-inch, 10 cents.

Pierson ferns, large, 4-inch, 25 cents.

Primula Chinensis, never so nice as this time; 5¼-inch pots, in bud and bloom, $2.00 per dozen.

Solanum Jerusalem cherries, 6-inch pots, full of berries, $2.00, $2.50 to $3.00 per dozen.

Begonias, 5½-inch, President Carnot, Metallica, and others, $2.00 per dozen.

Dracaena Bruanti, 6-inch pots, 25 inches high, leaves from top to bottom, 50 cents.

Phoenix canariensis, 4 feet high, 4 feet wide, 15 perfect leaves, good for decoration, $2.00 each, worth $5.00.

Chrysanthemum stock plants. Timothy Eaton, Pennsylvania and Col. Appleton, $5.00 per 100.

Small Sago palms, Cycas revoluta, Adiantum Maiden Hair ferns, 4-inch primroses, acorus or variegated grass, and the azaleas for Easter.

One of 100 different testimonials:

CINCINNATI, OHIO, Sept. 29, 1904.

MR. GODFREY ASCHMANN:

Dear Sir—Many thanks for the prompt delivery and for the fine stock. The plants arrived all right, and were very satisfactory; the palms were very nice, and were packed securely. We are also greatly obliged for the price list of plants for Xmas, and should we decide to buy any, we would surely call upon you. Yours very truly, HOFFMEISTER FLORAL COMPANY, 813 Elm Street, Cincinnati, Ohio.

Cash with order, please. All goods shipped at purchaser's risk.

A prosperous florist is like the bee, never idle.

HOLIDAY PLANTS NOW READY.

Importers and Headquarters for the Beautiful Plants.

GODFREY ASCHMANN, Wholesale Grower and Importer of Pot Plants.

Bell Phone Tioga 3669A.

1012 Ontario Street, PHILADELPHIA, PA.

Mention The Review when you write.

We have 500

Hydrangea Hortensis Japonica.

Very strong field-grown plants. Will take 7 and 8-inch pots, at $15.00 per 100.

Schluraff Floral Co.,

2406 Poplar St., ERIE, PA.

Mention The Review when you write.

Fine Field-Grown Carnation Plants.

	Per 100
Flora Hill, white	$ 6.00
Joost, pink	4.00
Mrs. E. A. Nelson, pink	6.00
McKinley, pink	6.00
Adonis, red	8.00
Out of all other varieties.	
Asparagus, 3-in. pots, very fine	5.00
Ficus, 6-in. pots	35.00
" 4-in. pots	22.50

Cash, please or reference.

WM. C. SMITH, Wholesale Florist,

61st and Market Sts., PHILADELPHIA, PA.

Mention The Review when you write.

WELL GROWN PLANTS FOR THE HOLIDAYS

JERUSALEM CHERRIES AND CALIFORNIA PEPPERS

Are just the thing for Christmas sales. Order now before severe cold weather makes shipping dangerous.

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Kentia Belmoreana	4	15-17	5-6		$3.00	$25.00
" "	6	22-24	6	$1.00	12.00	
" "	6	24-26	6-7	1.50	18.00	
" "	7	32-34	6	2.00	24.00	
" "	7	34-36	6	2.50	30.00	
" "	9	44-48	7-8	6 00		
" "	10	46-50	7-8	7.50		
Kentia Forsteriana	5	24-27	4-5	.75	7.50	60.00
" "	6	26-30	5	1.00	12.00	
" "	7	32-36		2.00	24.00	
" " single	8	34-38	5-6	2.50	30.00	
" "	9	46-48	5-6	6.00		
" "	10	48-56	6-7	7.00		
Latania Borbonica	2			.75	5.00	
" "	3			1.00	7.00	
" "	6	22-26	7	.60	7.00	
" "	7	26-30	7	1.00	12.00	
" "	8	30-34	7-8	1.25	15.00	
Phoenix Canariensis	8	38-42	10-12	2.50	30.00	
" "	12	46-52	12-15	5.00		
Ficus Elastica	4	10-12		.25	3.00	
" "	6				9.00	
Arsucaria Excelsa	4	tiers	2-3	.50	6.00	
" "	5	tiers	3-4	1.00	9.00	
" "	6	tiers	4-5	1.25	15.00	
" " Compacta.	6	tiers	3	1.50		
Cocos Weddeliana	3				2.50	
" "	5			.75	9.00	
Pandanus Veitchii	4			.50	6.00	
" "	5			1.00	12.00	
" "	6	18-20		1.25	15.00	
Pandanus Utilis	3				2.00	
" "	5				5.00	
" "	6				9.00	
Nephrolepis Bostoniensis	2					4.00
" "	5				3.00	

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Nephrolepis Bostoniensis	6				$5.00	
" "	7				9.00	
Alsophila Australis	8			$1.50		
Cibotium Schiedei	6			1.50	18.00	
" "	7			2.00	24.00	
Adiantum Cuneatum	2					$3.00
Ferns for Dishes	2 good assortment					3.00
Dracaena Indivisa	4				1.50	10.00
" "	5				3 00	
" "	6				5 00	
Dracaena Fragrans	4				3 00	
" "	5				6.00	
" "	6				9.00	
" "	7				12.00	
Dracaena Massangeana	5			1.00	12.00	
Asparagus Plumosus	2					3.00
" "	3				1.00	8.00
" "	4				1.50	12.00
Crotons	3	"	"	"	1.50	
Crotons	4	"	"	"	3.00	
Poa Trivialis Var	3	Fine for Ferneries				6.00
Jerusalem Cherries	4				1.50	
California Peppers	4				1.50	
" "	5				3.00	
" "	6				4.00	
Bay Trees, Standards	24-in crown				7.50	
" "	28-in crown				10.00	
" "	36-in crown				17.50	
" Pyramids	7				17.50 each	
Cycas Revoluta	From $2.00 to $4.00 each					
Box trees	7-in pots, 18-high, $4.20 per dozen					

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

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Greenhouse Plants

2¼ in stock; not less than 5 of any one variety sold.

GERANIUMS 2¼-in. pots.

Mme. Landry, Jean Viaud, Dbl. Gen. Grant, Granville, Gloire de France, $2.00 per 100; $15.00 per 1000; 500 for $8.75.

S. A. Nutt Alphonse Ricard, Mme. Charrotte, Mme. Canovas, La Favorite, John Doyle, Mme. Jaulin, L'Aube, Jacquerie, Mme. Barney, $2.00 per 100; $20.00 per 1000. Send for complete descriptive list of Geraniums.

	Per 100	1000
Alternanthera, red and yellow, in variety	$2.00	$15.00
Alternanthera, rooted cutting	.60	5 00
Aquilegia (Columbine), single mix'd.	3.00	
Coleus, good varieties	2.00	15.00
Ficus, 12 to 15 in. high, $2.00 per doz.		
Gaillardia Grandiflora	3.00	
Hardy English Ivy	2.00	$15.00
Heliotrope, good varieties	2.00	
Hibiscus, 3 varieties	3.00	
Hollyhock, double white and mixed, 3 in. pots	3.00	
Holt's Mammoth Sage	2.00	15.00
Lemon Verbena	2.50	17.50
Lantanas 10 varieties	2.00	17.50
Maranta Massangeana	4.00	
Moonvines, white and blue, 50c doz.	3.00	
Plumbago, blue and white, 3 in. pots	3 00	
Rose, Marechal Niel, 3 in. pots	5.00	
Salvia, in variety	2.00	17.50
Smilax, strong	2.00	15.00
Swainsona Alba and Rosea	2.00	17.50
Sweet William, double mixed	3.00	

Write us for special price on large lots of any thing in this list.

DAHLIA ROOTS

Good selection of standard varieties, $5.00 per 100; $40.00 per 1000. Mixed $4.00 per 100; $35.00 per 1000. Send for list.

CASH WITH ORDER.

R. Vincent, Jr. & Son

WHITE MARSH, MD.

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ASPARAGUS PLUMOSUS NANUS!

Strong, 2¼-inch ..... **per 100, $2.00** **per 1000, $15.00**
Strong, 3-inch ..... **per 100, 3.00** **per 1000, 22.00**

50,000 New Crop ASPARAGUS PLUMOSUS NANUS SEED

$5.00 per 1000 Seeds; $20.00 per 5000 Seeds. Send for sample free.

Express Prepaid at Above Prices. CASH.

MITTING & LINFOOT

317 N. Vermilion, DANVILLE, ILL.

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CINERARIAS!

Finest Large Flowering, Dwarf, mixed, ready for 3-inch pots, $2.00 per 100. Strong plants.

CYCLAMEN GIGANTEUM—Finest Giants, mixed, 200 seeds, $1.00, ½ pkt., 50c.

GIANT PANSY—Best of Giants, mixed, 5000 seeds, $1.00; ½ packet, 50c.

CHINESE PRIMROSE—Finest grown, single and double mixed: 500 seeds, 21.00; ½ pkt. 50c.

JOHN F. RUPP, Shiremanstown, Pa.

THE HOME OF PRIMROSES.

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ASPARAGUS PLUMOSUS NANUS

2 years old from 4-inch, extra strong, pot bound, $10.00 per 100.
3-inch pot bound, $6.00 per 100.

BABY PRIMROSE in bloom, strong, from 3-inch $5.00 per 100.

CELESTIAL PEPPERS, full of fruit, fine plants from 4-inch, $10.00 per 100; 25 at 100 rate. Extra count for express. Cash please.

JOHN R. SHREINER, LANCASTER, PA.

50,000 ROOTED CUTTINGS

Geraniums—The "Six Kings" for bedding. S. A. Nutt, (D. crimson), Paul Bruant, (D. scarlet), J. Viaud (D. pink), Beaute Poitevine, (Dbl. salmon), Mrs. E. G. Hill, (Single salmon), Mme. Buchner, (D. white). Large top cuttings, well rooted, $1.50 per 100; $14.00 per 1000.

Petunias—Double Fringed. We are headquarters for these. Six distinct novelties, labeled, $1.00 per 100; $9.00 per 1000.

Salvias—The two best. Drooping Beauty, (dwarf), Bonfire, (tall), $1.00 per 100; $9.00 per 1000.

Asparagus Sprengeri—(Special). Nice plants from 2-inch pots. $1.25 per 100; $12.00 per 1000.

Asparagus Plumosus Nanus—Plants from 3-inch pots, $3.00 per 100.

Carnations—Don't buy until you see our list.

THE W. T. BUCKLEY CO., SPRINGFIELD, ILL.

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PITTSBURG.

The Market.

On the whole business has been much more satisfactory the past week. While there have not been many large orders, still the volume of smaller trade has more than made up the difference. It is a cause for remark that there are no debutantes this year, while last season the debutante affairs were the principal feature of the season.

Various Notes.

The trade extends sympathy to Mrs. E. A. Williams in the loss of her father, Capt. Samuel M. Duval, who was in his seventy-third year. While he has been connected with Common Pleas court for twenty years, still his interest in his daughter's business has associated him with the trade, by whom he was well liked for his kind, lovable and friendly disposition. Capt. Duval was born in this city and served all through the civil war. Few men had more friends than he.

Another cut flower store is announced for the Bloomfield section. Joe Dick, who has been working for L. I. Neff, will now venture for himself. As he was raised in that immediate vicinity he has the advantage of being acquainted and we wish him success.

Jarves Smith and Miss Rowan were married last Tuesday. They left for a trip east and south. The best wishes of all followed them. I almost believe matrimony is a disease and when it breaks out one does not know where it will stop. Chas. Godwin left Monday to bring back a bride after Thanksgiving. Who's next?

It looked last week as if all the wholesalers from Philadelphia had fallen into this city at once. There were three of them here and they were shaking things up for Thanksgiving orders.

Patrick Maier has been consigning the Pittsburg Cut Flower Co. some very fine Harrisii, Romans and Paper Whites.

P. J. Demas, of the Florists' Exchange, is in Chicago this week.

Hoo-Hoo.



Style No. 610.
Also other Sizes and Styles carried in stock.

McCray Florist REFRIGERATORS

Superior in construction, insulation and service rendered. Economical in the use of ice, scientifically built.

86 INCHES WIDE; 30 INCHES DEEP; 74 INCHES HIGH

IN STOCK READY FOR IMMEDIATE SHIPMENT

SPECIAL DESIGNS BUILT TO ORDER
(Write at once for Florists' Catalogue No. 70.)

McCray Refrigerators are Built in all Styles and Sizes for Any Purpose

McCRAY REFRIGERATOR CO., 373 MILL STREET KENDALLVILLE, IND.

BRANCH OFFICES AND SALESROOMS—Chicago, 55 Wabash Ave.; St. Louis, 404 N. Third St.; San Francisco, 122 Market St.; Pittsburg, 308 Fourth Ave.; Detroit, 305 Woodward Ave.; Columbia, S. C., Jerome Building; Boston, 52 Commercial St.; Columbus, Ohio 356 N. High St.; Cleveland, Ohio, 390 The Arcade. Address Main Office unless you reside in one of above named cities.

Mention this journal and we will send you the following catalogues: No. 39 for Residence, No. 45 for Hotels, Public Institutions and Cold Storage Houses, No. 63 for Groceries, No. 56 for Meat Markets, No. 70 for Florists.

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Asparagus

Per 100
Plumosus Nanus, 2¼-in. pots, per 1000, $15.00; $2.00

Pansy Plants

Large flowering, per 1000, $2.50..... .60

—CASH—

Jos. H. Cunningham, Delaware, Ohio.

Mention The Review when you write.

2,000 Boston ferns, fit for 5 and 6-in. pots, 15c and 20c each, fine stock, well grown stock in full light. Piersoni Fern for 7-in., 35c; for 6-in., 25c. PLUMOSUS NANUS, 4-in., fine, 8c; 3½-in., 6c. Crimson Ramblers, for Easter: 2-year, 15c; 1-year, 10c. Cash please.

BENJ. CONNELL, West Grove, Pa.

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BOSTON FERNS,

Bench grown, good for 5 and 6-in. pots, $3.00 per dozen. $20.00 per 100.
Primula Sinensis—2½-in., $2.00 per 100.
Cinerarias—2½-in., $2.00 per 100.
Smilax—Cut strings, 6 ft. long, 12c net, per string.
Stevia, 4 in. pots, $5.00 per 100.
Smilax, 2½ in. pots, $1 75 per 100. Violets, Lady Campbell, field grown, $4.00 per 100.

Converse Greenhouses, WEBSTER, MASS.

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Boston Ferns From bench, $1.50 to $10 per 100

Cannas In twenty best varieties, at $2.00 per hundred.

ASPARAGUS Sprengeri—Own stock, in fine shape, 2-inch at 2c; 2½-inch at 3c.

W. W. COLES, Kokomo, Ind.

ASP. PLUMOSUS NANUS, 3-in., per 100....$4.50
CIGAR PLANT (Cuphea), 2-in., " 2.00
CRYPTOMERIA JAPONICA, 2-in., per 100 5.00
" 4-in., " 10.00
SMILAX, 2-in., 75c per 100; Seedlings, 25c per 100
SELAGINELLA, 2-in., $2 25 per 100.
PELARGONIUMS, 2-in., mixed $3.00 per 100.
MIGNONETTE, (Matchet), 2-in., $2.00 per 100.

E. I. RAWLINGS, - Quakertown, Pa.

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DAHLIAS

25 leading varieties, all under name, guaranteed true, including the best sorts in cultivation, such as Clifford W. Bruton, A. D. Livoni, Nymphaea, Lemon Giant, Fern Leaf Beauty, Snow Clad, White Swan, Frank Smith, etc.

We offer HEAVY FIELD CLUMPS, JUST AS DUG, $5.00 per hundred; $45.00 per thousand.

THE DINGEE & CONARD CO.

WEST GROVE, PA.

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BUG STUFF!!

Sunbury, Pa.

Forward by Penn. R. R. 100 lbs. Fumigating Kind. IT'S THE STUFF FOR BUGS; the best we have ever tried, and so easily handled. See page 50.

C. E. ROSSITER.

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	Per 100
RUDBECKIA Extra choice, large clumps	$5.00
ASPARAGUS SPRENGERI, Extra quality, 2½-in. pots	2.00
SPARAGUS PLUMOSUS, Extra quality, 2¼-in. pots	2.50
ASPARAGUS PLUMOSUS, Extra quality, 3-in. pots	4.00

Above prices cash with order.

JOHN BROD, Niles Center, Illinois

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BOSTON FERNS!

2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.
Piersoni, 8-in., $6.00; 6-in., $35.00; 7-in., $50.00 per 100.
Plumosus, 2½-in., $3.00 per 100.

DAVIS BROS.,
Morrison, Ill., and Geneva, Ill.

Mention The Review when you write.

NEPHROLEPIS SCOTTII

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time. Prices—6-in. pot-grown, ready for 8-in., $15 00 per doz.; 7-in. pot-grown, $24.00 per doz.; 8-in. pot-grown, $36.00 per doz.

JOHN SCOTT, Keap Street Greenhouses BROOKLYN, N. Y

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PALMS

JULIUS ROEHRS, Rutherford, New Jersey.

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BEGONIA GLOIRE DE LORRAINE

Fine thrifty stock, 2-inch, per 100, $10.00.
4-inch, per 100, $40.00.
Prices of larger stock upon application.

A. JABLONSKY, WELLSTON, ST. LOUIS, MO.

Boston Ferns

Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots at 25c, 50c, 75c, $1.00 per 100.

KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS
Cash or reference please.

L. H. Foster, 45 King St. **Dorchester, Mass.**

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DREER'S DECORATIVE PLANTS.

We have in stock a fine line in the following sizes: **Clean, thrifty, vigorous stock which is certain to give full satisfaction.**

KENTIA FORSTERIANA — Made-up Plants.

8-inch pots,	3 plants in a pot,	12 inches high	$2.00 per doz.;	$15.00 per 100	
4 "	3 "	15 to 18 "	4.50 "	35.00 "	
5 "	3 to 4 "	18 "	7.50 "	60.00 "	
8-inch tubs,	3 plants in a tub,	4 to 4½ feet high		5.00	each
9 "	3 "	5 to 5½ "		6.50	"
9 "	3 "	5½ to 6 "		7.50	"
10 "	3 "	6 to 6½ "		12.50	"
12 "	3 to 4 "	6 to 7 "		15.00	"
12 "	3 to 4 "	7 "		20.00	"

KENTIA FORSTERIANA — Single Plants.

4-inch pots,	5 to 6 leaves,	15 inches high		$ .30	each
6 "	6 "	28 to 30 "		1.00	"
6 "	6 "	30 to 32 "		1.25	"
6 "	6 "	32 to 36 "		1.50	"
8 "	6 to 7 "	4½ feet high		5.00	"
9 "	6 to 7 "	5 to 5½ feet high		6.00	"
10 "	6 to 7 "	5½ to 6 "		7.50	"
10 "	6 to 7 "	6 "		10.00	"
12-inch tubs,	6 to 7 "	6½ "		12.50	"
12 "	6 to 7 "	7 to 8 "		25.00	"

KENTIA BELMOREANA — Single Plants.

4-inch pots,	5 to 6 leaves,	15 to 18 inches high		$ .35	each
5 "	5 to 6 "	20 to 22 "		.75	"
6 "	6 "	28 to 30 "		1.25	"
6 "	6 to 7 "	30 to 36 "		1.50	"
7 "	6 to 7 "	30 to 36 "	heavy	2.00	"

KENTIA SANDERIANA.

A rare, pretty, hardy, serviceable variety.

Fine plants in	5-inch pots,	18 inches high		$1.25	each
" "	6 "	24 "		1.50	"
" "	7 "	30 "		8.00	"

ARECA LUTESCENS.

4-inch pots,	2 to 3 plants in a pot,	15 to 18 inches high		$ .25	each
5 "	3 "	18 to 20 "		.40	"
6 "	3 "	24 to 28 "		.75	"
10 "	very bushy	48 to 54 "		4.00	"

LATANIA BORBONICA.

The best values in these plants that we have ever offered.

3-inch pots,	5 to 6 leaves,	12 to 15 inches high		$8.00	per 100
4 "	5 to 6 "	15 "		20.00	"
5 "	5 to 6 "	15 to 18 "		30 00	"
6 "	6 "	20 "		50.00	"
7 "	6 to 7 "	20 to 24 "		.75	each
8 "	7 to 8 "	24 "	fine plants	1.00	"
8 "	8 to 10 "	28 to 30 "		2.00	"

PHOENIX CANARIENSIS.

A nice lot of decorative plants in tubs.

3½ to 4 feet high.....$6.00 each. 4 to 4½ feet high.....$7.50 each

PHOENIX RUPICOLA.

6-inch pots, 24 inches high.....$1.50 each

ARAUCARIA EXCELSA.

4-inch pots,	8 to 10 inches high,	3 tiers	$ .50	each
6 "	12 to 14 "	3 to 4 tiers	.75	"
6 "	14 to 16 "	4 tiers	1.00	"
6 "	16 to 18 "	4 tiers	1.25	"

ARAUCARIA EXCELSA GLAUCA.

6-inch pots,	13 to 15 inches high,	3 tiers	$1.25	each
7 "	16 to 18 "	4 tiers	1.75	"
7 "	22 to 24 "	4 to 5 tiers	2.00	"

ARAUCARIA ROBUSTA COMPACTA.

6-inch pots,	10 inches high,	2 to 3 tiers	$1.25	each
6 "	12 "	3 tiers	1.50	"
7 "	15 "	3 to 4 tiers	1.75	"

BOSTON FERNS.

A fine lot of dwarf, stocky, bushy plants.

7-inch pots, 75c each; 8-inch pots, $1.00 each; 12-inch pans, $2.00 each

ADIANTUM FARLEYENSE.

A nice, thrifty lot of plants, 4-inch pots, 35c each; 5-inch pots, 75c each

ADIANTUM TENERUM — A fine lot of this useful maiden-hair in 4-inch pots.....$12.00 per 100.

ASPLENIUM NIDUS AVIS — We offer a good lot of this handsome Bird's-Nest Fern.
4-inch pots, 35c each; 5-inch pots, 60c each; 6-inch pots, $1.00 each.

HENRY A. DREER, Philadelphia, Pa.

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J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.
CARNATIONS OUR SPECIALTY

FIELD-GROWN
CARNATION PLANTS.

Send for my list of varieties and prices.

SOL GARLAND, Jr., Des Plaines, Ill.

PELARGONIUMS

Rooted cuttings, 15 varieties. $2.25 per 100.
Orders booked for the following: Verbenas, Petunias, Salvias, Ageratums, Daisies, Heliotrope, Feverfew, Coleus. All R. C. Express prepaid.

Write S. D. BRANT
The Clay Center Florist. **Clay Center, Kan.**

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

CUBA VIA THE WABASH.

The Wabash sells winter tour tickets to Havana, Cuba, via Mobile, New Orleans or New York. Are you interested? Write for full details and rates. F. A. Palmer, A. G. P. A., 97 Adams Street, Chicago, Ill.

Early New Rose Cuttings

of the very best wood, following varieties: La Detroit, Gen. McArthur, Pres. Carnot, Belle Siebrecht, Perle, La France, Maids, Brides, Woottons.

We Are Selling Agents for
GIBSON BEAUTY
and WHITE SWAN
Carnations Shall be pleased to have you correspond with us in regard to prices.

FERNS

We are headquarters in the West for these, as well as Plumosus and Sprengeri. All sizes.
Write—
GEO. A. KUHL, PEKIN, ILL.

No. 1 FIELD-GROWN
CARNATION PLANTS

Queen Louise.....	$4.00 per 100;	$35.00 per 1000	
Enchantress.....	7.00 "	65.00 "	
Norway.....	4.00 "	35.00 "	
Prosperity.....	5.00 "	40.00 "	

W. E. HALL, - CLYDE, OHIO.

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BUGGY FOR 15 YEARS.

Northampton Insane Hospital, Mass.
After using your Fumigating Powder I must say that in fifteen years' experience with various methods of killing aphis. I find this the most effectual and economical method I have yet tried. See page 50.
GEORGE W. THORNILEY.

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Always Mention the....
Florists' Review
When Writing Advertisers.

Fine Stock Cheap,

TO MAKE ROOM.

	Per 100	Per 1000
Weeping Lantanas, 2½-in.....	$2.00	$18.00
Lantanas, 5 sorts, 2½ in.....	2.00	18 00
German Ivy, 2½-in.....	2 00	18.00
Heliotrope, 4 sorts, 2½-in.....	2.00	18 00
Abutilons, 6 sorts, 2½ in.....	2.00	18.00
Oleander, double white and pink, 2½-in.....	4.00	
Cestrum Parqui, 2½-in.....	2.00	
Asparagus Sprengeri, 2½ in.....	2.00	18 00
" **Plumosus**, 2½-in.....	2.50	20.00
Daisy, white and yellow, 2½-in.....	2.00	
Salvia Splendens, 2½-in.....	2.00	
Violets, Lady Hume Campbell, Luxonne, Swanley White California, and Princess of Wales, 2½-in. ready December 1st.....	2.00	18 00
Rooted Coleus cuttings, 15 sorts, ready December 5th.....		6.00

We have fine rose stock, 2½-in., 175 varieties. Write for prices.

THE SPRINGFIELD FLORAL CO.
SPRINGFIELD, OHIO,

Mention The Review when you write.

5,000 HEALTHY Carnations

Strong, bushy, well grown field plants. CHEAP FOR CASH.

Wolcott, $4.00; Estelle, $4.00; Alba, $4.00; Lawson, $4.00; Queen Louise, $3.50; Manley, $3.50; Lord, $3.50; Lorna, $3.50; Glacier, $3.50; America, $3.50; Gomez, $3.50; Marquis, $3.50 per 100.

I study to please every patron and pack carefully in light boxes.

CHAS. T. SIEBERT,
Sta. B. PITTSBURG, PA.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii, 3-in., well branched, cut back, $4.00 100.
Michel Plant and Bulb Co., St. Louis, Mo.

Abutilon Savitzii, large, full leaved, 2½-in., 5c each. Cash.
Mayer & Son. Willow Street, Lancaster Co., Pa.

Abutilons, 6 sorts, 2½-in., $2.00 100, $18.00 1000. Springfield Floral Co., Springfield, O.

ACALYPHAS.

Acalypha marginata, cut back, 4-in. pots, 75c doz. Macrophylla and Wilkesiana, 4-in., $1.00 doz., $7.00 100.
Michel Plant and Bulb Co., St. Louis, Mo.

ACORUS.

Acorus gramineus variegata, variegated grass, $1.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

ADIANTUMS.

Adiantum hybridum, Ley's maidenhair. Grows fronds 2 to 3 ft. long by 18 in. wide. 12 strong, 2-in. pot plants, postpaid, $1.25; 25 strong, 2-in. pot plans, postpaid, $2.00; 100 strong, 2-in. pot plants, express paid, $7.50.
A. Ley & Bro., North Langdon, D. C.

Adiantum cuneatum, 2-in. pots, ready for a shift, $3.00 100; $25.00 1000.
Geo. Wittbold Co., 1657 Buckingham Place, Chicago.

Adiantum cuneatum, fine, bushy plants, 4-in., $12.50 100; 3-in., $6.00 100; $55.00 1000.
Frank Eskesen, Madison, N. J.

Adiantum cuneatum (maidenhair fern), 4-in., bushy, $1.20 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

AGERATUMS.

Ageratum Stella Gurney, 5-in. pots, $1.00 doz.
Michel Plant and Bulb Co., St. Louis, Mo.

ALYSSUM.

Sweet alyssum, 2½-in. pots, 5c each, 50c doz.
Wm. Scott Co., Corfu, N. Y.

ALTERNANTHERAS.

Alternantheras, red and yellow, in variety, 2¼-in., $2.00 100, $15.00 1000; rooted cuttings, 60c 100, $5.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternanthera brilliantissima, the finest red out, 75c doz.; by mail, $1.00. Cash, please.
A. J. Baldwin, Newark, O.

Alternantheras, red and yellow; August rooted cuttings, $5.00 per 1000; by mail, 65c per 100. Ludvig Mosbaek, Onarga, Ill.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 5¼-in. pots, bushy plants, 10 to 12 in. high, 3 tiers, 50c; 5½-in., 13 to 15 in. high, 3 to 4 tiers, 60c; 5½ to 6-in., 17 to 19 in. high, 3 to 4 to 5 tiers, 75c; 6-in., 20 to 22 in. high, 4 to 5 to 6 tiers, 80c, 90c, $1.00 each. G. Aschmann, 1012 Ontario St., Phila.

ASPARAGUS.

Asparagus plumosus from flats, $1.50 100; $10.00 1000; 2¼-in. pots, $2.50 100; $20.00 1000; 3-in., $4.00 100; $35.00 1000; 4-in. and 5-in. pots, special prices.
The Nunnally Co., Atlanta, Ga.

50,000 Asparagus plumosus nanus, strong plants from bench, $8.00 per 1000; from 2½-in. pots, $16.00 per 1000, cash. Prepaid.
S. B. Ritter, Port Royal, S. C.

Asparagus plumosus, 2¼-in., $2.50; 3-in., $4.00. Sprengeri, 2¼-in., $2.00; 3-in., $3.00. Fine and pot-bound ready to shift.
S. M. Harbison, Danville, Ky.

Asparagus plumosus nanus, fine bushy stock from 2½-in. pots, $3.00; from 3-in. pots, $5.00; from 3½-in. pots, $8.00 per 100.
Paul Mader, East Stroudsburg, Pa.

Asparagus plumosus nanus, 2 years old, from 4-inch, extra strong pot bound, $10.00 100; 3-inch, $6.00 100. Cash, please.
John R. Shreiner, Lancaster, Pa.

Asparagus Sprengeri, 3-in. pots, $4.00 100.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Asparagus plumosus nanus, strong 2¼-in., $2.00 100; $15.00 1000; 3-in., $3.00 100; $22.00 1000. Express prepaid. Cash.
Mitting & Linfoot, Danville, Ill.

Asparagus Sprengeri, extra quality, 2½-in., $2.00 100. A. plumosus, extra quality, 2¼-in., $2.50 100; 3-in., $4.00.
John Brod, Niles Center, Ill.

Asparagus plumosus nanus, true, extra value, 2½-inch, $3.00 100; $25.00 per 1000; 3-inch, $5.00 100. Cash.
W. A. Wettlin, Hornellsville, N. Y.

Asparagus Sprengeri, 2½-in., $2.00 100, $18.00 1000. A. plumosus nanus, 2½-in., $2.50 100; $25.00 1000. Springfield Floral Co., Springfield, O.

Asparagus plumosus nanus, strong, 2½-in., just ready to be shifted into 4-in., $4.00 100.
The McGregor Bros. Co., Springfield, Ohio.

Asparagus Sprengeri, 2-in. pots, $1.25 100; $12.00 1000. A. plumosus nanus, 3-in., $3.00 100. The W. T. Buckley Co., Springfield, Ill.

A. plumosus nanus, strong 2-in., 2½c; $22.50 per 1000; 3-in., 5c. Sprengeri, 2-in., 2c. Cash.
Byer Bros., Chambersburg, Pa.

Asparagus comorensis, large plants in 4-inch pots, already climbing, $10.00 per 100. Cash.
Tong & Weeks, Ashtabula, Ohio.

Asparagus plumosus, 2-in., $3.00 100; 3-in., $5.00 100. A. Sprengeri, 2-in., $2.00 100.
Geo. L. Miller Co., Newark, Ohio.

Asparagus Sprengeri, 2½-in., $3.50 100; 4-in., $5.00. A. plumosus, 3-in., $4.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus Sprengeri, strong 2¼x3¼, $2.00 100. No order for less than $2.00.
W. A. Chalfant, Springfield, Mo.

Asparagus plumosus and Sprengeri in seedlings, 2, 3, 4 and 5-in. Write
Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, fine plants, 3-in., $3.00 100; 4-in., $7.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, strong, 2-in., $2.00 per 100; $15.00 per 1000.
White's Conservatory, Sandusky, Ohio.

Asparagus plumosus, 3-in., strong, $6.00 100; 4-in., bushy, $10.00 100.
G. Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus nanus, 2¼-in. pots, $2.00 100, $15.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus, 2-in., $2.00 per 100. Cash.
M. & S. L. Dysinger, Albion, Mich.

Asparagus plumosus nanus, 2½-in. pots, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus nanus, 4-in., fine, 8c; 3½-in., 6c. Benj. Connell, West Grove, Pa.

10,000 Asparagus plumosus, 3-in., $3.00 100. Cash. Lewis Ullrich, Tiffin, Ohio.

Asparagus plumosus nanus, 3-inch, $5.00 100. Cash. J. D. Brenneman, Box 24, Harrisburg, Pa.

Asparagus plumosus, 2¼-inch, $3.00 100. Cash. H. Weston, Hempstead, L. I., N. Y.

Heavy Sprengeri, 3 and 4-in., at 2½c and 5c. Cash. Roney Bros., West Grove, Pa.

Asparagus, 3-in., very fine, $5.00 100.
Wm. C. Smith, 61st & Market Sts., Phila.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Plumosus, fine, strong 3-in., $5.00 100.
C. Winterich, Defiance, Ohio.

Asparagus Sprengeri, 2-in., 2c; 2½-in., 3c.
W. W. Coles, Kokomo, Ind.

Asparagus plumosus nanus, 3-in., $4.50 100.
E. I. Rawlings, Quakertown, Pa.

Asparagus plumosus, 2½-in., $3.00 100.
Davis Bros., Geneva, Ill.

ASPIDISTRAS.

Aspidistra lurida, 6 to 10-in. plants, 4c per leaf. Wm. Clark, Colorado Springs, Colo.

BASELLAS.

Basella rubra, 3-in. pots, cut back, bushy, $4.00 100.
Michel Plant and Bulb Co., St. Louis, Mo.

BEGONIAS.

Begonias Argenteo-guttata, speculata, rubra and several other good varieties, 40c per doz., $2.50 per 100. Harmon & Henderson, Iola, Kan.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, fine, thrifty 2-in. stock, $10.00 100; 4-in., $40.00.
A. Jablonsky, Wellston, St. Louis, Mo.

Begonia metallica and Pres. Carnot, strong, 2½-inch, $3.00 per 100.
C. M. Niuffer, Springfield, Ohio.

BERRIED PLANTS.

Solanum or Jerusalem cherries, full of fruit, 5½ to 6-in. pots, $2.00, $2.50 to $3.00 doz. Capsicum annuum or Xmas peppers in fruit, 5-in., $2.00 doz.
G. Aschmann, 1012 Ontario St., Phila.

Christmas peppers, full of fruit, 4 and 5-in., $5.00 and $7.00 per 100. Jerusalem cherries, 5-in., 6-in., and 7-in., very fine, $1.00 to $2.50 per doz. J. C. Schmidt Co., Bristol, Pa.

Jerusalem cherries, some extra fine select plants left, full of berries, 4-inch, 6c and 8c; 5 to 5½-inch, 10c to 12c each; none finer.
Wm. S. Herzog, Morris Plains, N. J.

Dwarf Jerusalem cherries, full of berries, 5-inch pots, 10c; 6-inch pots, 15c. Christmas peppers, 5 and 6-inch pots, 15c each.
J. S. Bloom, Riegelsville, Pa.

Jerusalem cherries, 3-inch, 50c per doz., $3.00 per 100. Xmas (celestial) peppers, 75c per doz., $5.00 per 100.
Harmon & Henderson, Iola, Kan.

2000 Christmas peppers full of green and red fruits, 75c doz.; $6.00 100. Cash.
C. W. Kline Floral Co., Leavenworth, Kan.

Celestial peppers full of fruit, fine plants, from 4-in., $10.00 100. Cash.
John R. Shreiner, Lancaster, Pa.

Christmas peppers, 3-in., in fruit, $5.00 100.
Geo. L. Miller Co., Newark, Ohio.

BULBS.

SPECIAL PRICES ON BULBS to close out. These bulbs are first-class and are a genuine bargain.

LILIUM LONGIFLORUM multiflorum, 7x9, 300 in a case, $13.20 per case, $44.00 per 1000; 9x10, 200 in a case, $14.60 per case, $73.00 per 1000; 10x12, 170 in a case, $17.50 per case, $100.00 per 1000.

LILIUM HARRISII, Japan-grown (the true kind, fine strain), 9x11, $14.00 per 100.

CALLAS, selected, $5.50 per 100; $50.00 per 1000. Nice round bulbs, suitable for a 6-in. pot.

FRENCH FREESIAS, mammoth size, pure white, $5.00 per 1000; former price, $8.00 per 1000.
Henry F. Michell Co., 1018 Market St., Phila.

BULB BARGAINS. White Roman hyacinths, 12 to 15 cms., $2.50 100, $23.00 1000, case of 2,000, $45.00; 13 to 15 cms., $3.00 100, $27.50 1000, case of 1,600, $43.20.

Tulips, mixed, single or double; superfine, large bulbs, 65c 100, $6.00 1000.
A. T. Boddington, 342 West 14th St., New York.

	12	100	250
GLADIOLI Colvillei alba.			
The Bride, pure white....	$0.10	$0.65	$6.00
Rosea, rosy red.....	.10	.65	6.00
Delicata, Blushing Bride..	.30	2.00	18.00
Augusta, pure white, 1st size	.60	4.00	
May, white, rose, 1st size	.30	1.85	

H. H. Berger & Co., 47 Barclay St., N. Y.

Tulips La Reine, La Candeur, Chrysolora, Yellow Prince and Keizerskroon. Double-nose Von Sion, 1st size Von Sion, Paper White narcissus grand., 13 cms. up. Amaryllis and spiraea bulbs. Write for prices.
D. Rusconi, 32 W. 6th St., Cincinnati, O.

Tulips Artus, $1.00 100; $9.50 1000. La Reine, 80c 100; $7.00 1000. Cottage Maid, $1.00 100; $9.00 1000. Single early—Duc Van Thol, scarlet, $1.00 100; $9.50 1000. Yellow Prince, $1.00 100; $8.00 1000.
Stumpp & Walter Co., 50 Barclay St., N. Y.

DUTCH HYACINTHS—Selected single, 40 named sorts, splendid bulbs for the Easter trade, $3.60 100; $34.00 1000.

JAPAN LILIES—Album, auratum, rubrum and melpomene. Write for prices.
Johnson & Stokes, 217-219 Market St., Phila.

Tuberous rooted begonias, single, sep. colors, $3.00 100, $27.50 1000; finest mixed, $2.75 100, $25.00 1000. Double, in 5 separate colors, $4.00 100; $37.50 1000; finest mixed, $3.75 100; $35.00 1000. N. Le Page, Mt. Vernon, N. Y.

We are the largest growers of FREESIA bulbs in the United States. Write us.
Rees & Compere, Long Beach, Cal.

Surplus bulbs at low prices to close out. Write W. C. Beckert, Allegheny, Pa.

Chinese Sacred lilies, Japan-grown callas on hand now. Prices on application.
Suzuki & Iida, 31 Barclay St., N. Y.

Crinum Kirkii, $3.00 per 100. Crinum Virginicum, $5.00 per 100.
Louis Bosanquet, Fruitland Park, Fla.

Lilium auratum and speciosum, all sorts. Write
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Narcissus Emperor and Empress, $2.25 100.
The B. L. Bragg Co., Springfield, Mass.

CAMELLIAS.

Camellia plants in sorts; best German grower; spring delivery. Address A. Rolker & Sons, New York, 31 Barclay St., or P. O. Box 752.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now.
Florists' Pub. Co., Chicago.

CANNAS.

Cannas, 40 leading varieties, $10.00 1000 and upwards. Write for list and prices.
Dingee & Conard Co., West Grove, Pa.

Cannas in 20 best varieties, $2.00 100.
W. W. Coles, Kokomo, Ind.

CARNATIONS.

Rooted carnation cuttings. Now ready.

White	100	1000	5000
Queen Louise	$1.00	$10.00	$45.00
Flora Hill	1.00	10.00	45.00
Alba	1.40	12.50	60.00
Wolcott	1.00	10.00	45.00
Norway	1.00	10.00	45.00
White Cloud	1.00	10.00	45.00
Pink			
Lawson	1.20	12.50	60.00
Marquis	1.00	10.00	45.00
Enchantress	3.50	30.00	
Genevieve Lord	1.00	10.00	45.00
Mrs. Joost	1.00	10.00	45.00
Success	1.00	10.00	45.00
Mermaid	1.00	10.00	45.00
Cressbrook	1.00	10.00	45.00
McKinley	1.40	12.50	60.00
Scarlet			
Crane	1.00	10.00	45.00
America	1.00	10.00	45.00
P. Palmer	1.00	10.00	45.00
Estelle	1.40	12.50	60.00
Crimson			
Harlowarden	1.40	12.50	60.00
Gen. Gomez	1.00	10.00	45.00
Yellow			
Golden Beauty	1.40	12.50	60.00
Eldorado	1.00	10.00	45.00
Variegated			
Prosperity, fancy	1.40	12.50	60.00
Violania	5.50	50.00	
Marshall Field	1.40	12.50	60.00
Stella	1.40	12.50	60.00
Armazindy	1.00	10.00	45.00
Viola Allen	1.20	11.00	50.00

25 at 100 or 1000 rate. 2500 at 5000 rate. Express prepaid. Cash or C. O. D. with privilege of examining at express office.
California Carnation Co., Loomis, Cal.

Carnation rooted cuttings.

White	100	1000	Scarlet	100	1000
Q. Louise	$1.00	$10.00	Crane	$1.00	$10.00
F. Hill	1.00	10.00	America	1.00	10.00
Alba	1.40	12.50	P. Palmer	1.00	10.00
Wolcott	1.00	10.00	Estelle	1.40	12.50
Norway	1.00	10.00	Manley	1.50	15.00
L. Pond	1.40	12.50	Apollo	1.50	15.00
Chicot	1.20	10.00	Yellow		
Pink			G. Beauty	1.40	12.50
Lawson	1.40	12.50	Eldorado	1.00	10.00
Enchantress	4.00	35.00	Variegated		
Joost	1.00	10.00	Prosperity	1.40	12.50
Success	1.00	10.00	M. Field	1.40	12.50
Mermaid	1.00	10.00	Stella	1.40	12.50
Cressbrook	1.00	10.00	Armazindy	1.00	10.00
McKinley	1.40	12.50	V. Allen	1.20	11.00
Mrs. R'sev't	1.40	12.50	Gaiety	1.20	11.00

Crimson—Harlowarden, $1.40 100; $12.50 1000. G. Roosevelt, $1.20 100; $10.00 1000. Special prices on large lots. Unrooted pips at half price. 25 at 100 rate; 250 at 1000 rate. Express prepaid. Cash or C. O. D. with privilege of examining.
Loomis Floral Co., Loomis, Cal.

Rooted carnation cuttings now ready.

White	100	1000	Scarlet	100	1000
Q. Louise	$1.00	$10.00	Crane	$1.00	$10.00
F. Hill	1.00	10.00	America	1.00	10.00
Gov. Wolc't	1.00	10.00	Estelle	1.40	12.50
Alba	2.00	15.00	Crimson		
W. Cloud	1.00	10.00	Harlow'den	1.40	12.50
Pink			Yellow		
Lawson	1.20	12.50	Eldorado	1.00	10.00
Marquis	1.00	10.00	G. Beauty	1.40	12.50
Enchantress	3.50	30.00	Variegated		
Joost	1.00	10.00	Prosperity	1.40	12.50
McKinley	1.40	12.50	M. Field	1.40	12.50
Mermaid	1.00	10.00	Armazindy	1.00	10.00
Cressbrook	1.00	10.00	V. Allen	1.20	11.00

Unrooted cuttings at one-half price of rooted cuttings. Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.
Loomis Carnation Co., L. B. 115, Loomis, Cal.

Carnations, field-grown. Joost, $4.00 per 100; F. Hill, McKinley, Nelson, $6.00; Adonis, $8.00.
Wm. C. Smith, 61st & Market Sts., Phila.

ROOTED CARNATION CUTTINGS.
JANUARY DELIVERY.
All orders filled in rotation.

	100		100
Mrs. Patten, var.	$6.00	Queen, white	$3.00
White Lawson	6.00	B. Market, white	3.00
Flamingo, scarlet	6.00	Queen Louise	2.00
Albatross, white	6.00	Lawson	2.00
Enchantress	3.50	Manley, scarlet	2.00
Challenger	2.00		

Write for prices on large lots; 5 per cent discount for cash with order.
James D. Cockcroft, Northport, L. I., N. Y.

Field-grown carnations, strong, bushy.

	100	1000		100	1000
Lawson	$6.00	$50	G. Angel	$3.50	$30
Nelson	3.50	30	McKinley	3.50	30
Higinbotham	3.50	30	Bradt	6.00	50
Chicago	3.50	30	Q. Louise	3.50	30
Mrs. Ine	3.50	30	Harlowarden	4.50	40
F. Hill	3.50	30	Peru	3.50	30

All stock sold under express condition that if not satisfactory it is to be returned immediately and money will be refunded.
Peter Reinberg, 51 Wabash Ave., Chicago, Ill.

Carnation rooted cuttings.

	100	1000		100	1000
Q. Louise	$1.20	$10.00	Armazindy	$1.00	$10.00
Alba	1.40	12.50	Mrs. Joost	1.20	10.00
America	1.00	10.00	Lawson	1.40	12.50
Mrs. Palmer	1.20	10.00	McKinley	1.40	12.50
Crane	1.20	10.00	Success	1.20	10.00
Eldorado	1.20	10.00	Harlow'den	1.40	12.50
M. Field	1.40	12.50	G. Roosevelt	1.40	12.50

Cash or C. O. D. with privilege of examining. Express prepaid. Unrooted cuttings one-half price. Hermitage Carnation Co., Loomis, Cal.

Field-grown carnations. The finest you ever saw. Plant them now while they last. Will clean up at $4.00 per 100, $35.00 per 1000.

Apollo, red	Frances Joost
Murphy's White	Flora Hill
Lillian Pond	Mrs. Potter Palmer
Queen Louise	Glacier
Morning Glory	America

Evenden Bros., Williamsport, Pa.

Carnations, healthy, field-grown.

	100		100
Wolcott	$4.00	Manley	$3.50
Estelle	4.00	Lord	3.50
Alba	4.00	Lorna	3.50
Lawson	4.00	Glacier	3.50
Q. Louise	3.50	Gomez	3.50
America	3.50	Marquis	3.50

Chas. T. Siebert, Sta. B, Pittsburg, Pa.

Our specialty, in carnations, is UNROOTED CUTTINGS. We have the best varieties for business. Fair Maid, Mrs. Thos. W. Lawson, Boston Market, Queen, $10.00 per 1000; 250 or more at 1000 rate. Careful packing and prompt shipment. Cash, please.
STEPHEN CHASE, Nashua, N. H.

Place your order now for the new carnation FRED BURKI. Will be disseminated in 1905. Price: $12.00 100, $100.00 1000; 250 at 1000 rate. Address S. S. Skidelsky, 824 No. 24th St., Philadelphia. Or,
John Murchie, Sharon, Pa.

Surplus stock of fine carnations, such as Joost, Floriana, Dorothy, Glacier, Flora Hill, Queen Louise, Lillian Pond, Roosevelt, at $5.00 per 100, or will exchange for Princess of Wales violets.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

The new scarlet seedling ROBERT CRAIG, the ideal Christmas carnation. Prices: $2.50 doz., $12.00 100, $100.00 1000. 2500 lots, $95.00 1000; 5000 lots, $90.00 1000; 10,000 lots or more, $80.00 1000. Send orders early to
Cottage Gardens Co., Inc., Queens, N. Y.

Field-grown carnation plants. Strictly first-class stock.

	100	1000		100	1000
Q. Louise	$4.00	$35	Norway	$4.00	$35
Enchantress	7.00	65	Prosperity	5.00	40

Send me your order. You will not regret it.
W. E. Hall, Clyde, O.

CRISIS, the best commercial scarlet carnation ever introduced. Will be disseminated in 1905. Write for descriptive circular. Price: $2.00 doz.; $12.00 100; $100.00 1000. $95.00 1000 in 5000 lots. Prices on larger quantities on application. DAVIS BROS. CO., Bloomsburg, Pa.

The best big-flowered, general purpose scarlet carnation now before the trade is CARDINAL. We also have Fiancee and Fred Burki. All three at $12.00 per 100, $100.00 1000. Send for our November trade list.
E. G. HILL CO., Richmond, Ind.

PALMER'S RED LAWSON, sport from the famous Mrs. Thos. Lawson. Planted May 18, in full crop middle of August. Rooted cuttings, $10.00 100; $40.00 500; $75.00 1000.
W. J. Palmer & Son, Lancaster, N. Y.

Carnation plants from field, planted in 4-in. pots; will give an abundance of flowers at once. Lawson, Wolcott, Queen Louise, Flora Hill at $6.00 per 100. Just the thing for selling as pot plants. C. Winterich, Defiance, Ohio.

Carnations, extra fine.
Fred Burki $12.00 100, $100.00 1000
Cardinal 12.00 100, 100.00 1000
Fiancee 12.00 100, 100.00 1000
S. S. Pennock, 1612 Ludlow St., Phila., Pa.

Gibson Beauty and White Swan carnations. Write Geo. A. Kuhl, Pekin, Ill.

Joost, Hill, Daybreak, Eldorado, No. 1 plants, $4.00 per 100; $35.00 per 1000. Also several other varieties. Write for list and prices. Smith & Gannett, Geneva, N. Y.

RED SPORT, the new bread and butter, red carnation. If you are interested in a commercial red that there is money in, write
A. B. Davis & Son, Purcellville, Va.

Carnations. Send for our list and let us quote you price on what you need. Cuttings rooted to order for January delivery.
Wm. Scott Co., Corfu, N. Y.

Carnation WM. PENN, a new pink well worth a trial by every grower of carnations. Send for descriptive list now.
Albert M. Herr, Lancaster, Pa.

Carnations, fine, field-grown, $4.00 100; $35.00 1000. W. H. Gullett & Sons, Lincoln, Ill.

Field-grown carnation plants. Let me quote you prices. Sol Garland, Jr., Des Plaines, Ill.

Rooted cuttings of carnations. Send for prices. H. W. Field, Northampton, Mass.

Carnations. Novelties and standards. Write
F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

Chrysanthemum stock plants. The new Wells-Pockett set of the best of this season's introductions in strong plants. All sorts, 20c each; $2.00 per doz. These include all the best and latest introductions, and are true to name.

Mme. Paul Sahut, a new early white that will take the place of Estelle and Polly Rose in the extra earlies; good stem and foliage. Stem 3 feet; flowers as good as the best Robinson, and two weeks earlier, 25c each, $2.50 per doz.

Good sorts, including Alice Byron, Ida Barwood, Mme. Diederichs, Guy Hamilton, Golden Age, Mrs. Buckbee and others, all extra good, including Carrie, an extra early yellow in bloom Sept. 15, 15c each, $1.50 per doz.

The old standard sorts, such as Golden Wedding, Silver Wedding, Appleton, Lavender Queen, White and Yellow Jones, Estelle, Polly Rose, Henderson, Robinson, etc., 10c each, 75c per doz.

Have these sorts in quantity. Prompt shipments. Satisfaction guaranteed on all orders. Cash, please.
Critchell's, Avondale, Cincinnati, Ohio.

Chrysanthemum stock plants. Fitzwygram, white Opah, Willowbrook, 5c each.

Monrovia, Omega, Robinson, Halliday, Jerome Jones, Yellow Jones, Mrs. Weeks, Appleton, Bonnaffon, Timothy Eaton, Yellow Eaton, Mrs. Perrin, Marion Newell, 8c each.

Marie Liger, Malcolm Lamond, Mlle. Doulet, Viviand-Morel, Fee du Champsaur, Golden Wedding, White Bonnaffon, White Maud Dean, Ida Barwood, Baden Powell, Mrs. Chamberlain, Silver Queen, Tancred Bastet, Lily Mountford, C. J. Salter, Mrs. Coombes, Nellie Pockett, Mrs. T. W. Pockett, 15c each.

Diederich, Globasa Alba, Lord Hopetoun, Ethelyn, Percy Plumridge, Harry Plumridge, Leila Filkins, Ben Wells, 25c each.

Cash or C. O. D.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Chrysanthemum stock plants, healthy and true to name.

Wm. Duckham, Enguehard, S. T. Wright, Ben Wells, W. R. Church, Gen. Hutton, 20c each, $2.00 doz. Mrs. T. W. Pockett, Nellie Pockett, F. S. Vallis, Princess, Mildred Ware, Mrs. Thirkell, 15c each, $1.50 per doz.

Golden Wedding, Glory Pacific, Monrovia, Robinson, Halliday, J. Jones, Bonnaffon, T. Eaton, Pink and White Ivory, Midge, Kalb, Black Hawk, Childs, Lincoln, Minerva, Adula, Bloodgood, Perrin, Mutual Friend, Maud Dean, Negoya, Shrimpton, Golden Trophy, and other standard varieties, 75c per doz., $5.00 per 100. All the above stock was grown in solid benches. Wm. Scott Co., Corfu, N. Y.

The best pink chrysanthemum to date is WM. DUCKHAM. Read the show reports from all over the country. You cannot make a mistake in stocking up heavily with this fine mum. Strong stock plants now ready 25c each, $2.50 per doz.

Also Monrovia, Robt. Halliday, Marion Newell, F. S. Vallis, C. J. Salter, Alice Byron, Mrs. Coombes, Liger, Yanariva, White and Yellow Eaton, Chadwick, Intensity, Ivory, White and Pink Pacific, Convention Hall, J. K. Shaw. White and Yellow Bonnaffon, Mrs. Chamberlain, etc., 10c each, $1.00 doz. All strong, healthy, true stock. Cash with order.
Gunner Tellmann, Marion, Ind.

Chrysanthemum stock plants. Wm. Duckham, Dr. Enguehard. $1.50 per doz. White—Alice Byron, Maud Dean, Nellie Pockett, T. Eaton, W. H. Chadwick, Mrs. J. Jones. Yellow—Col. D. Appleton, Pennsylvania, Robt. Halliday, Yellow Eaton, Yellow Mrs. Jones. Pink—Mme. Perrin, Maud Dean, Marie Liger. Red—Geo. W. Childs.

Rooted cuttings of Duckham and Enguehard later. Prices on application. Cash with order.
S. N. Pentecost, 701 Republic St., Cleveland, O.

Chrysanthemums Alice Byron and Mrs. Coombes; stock plants, fine stuff, $6.00 per 100.
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CHRYSANTHEMUMS—Continued.

CHRYSANTHEMUM STOCK PLANTS.
White—Estelle, Kalb, Robinson, Wanamaker, Eaton, White Mayflower, Ivory, Chadwick, Jerome Jones, White Bonnaffon.
Yellow—October Sunshine, Monrovia, Omega, Bonnaffon, Mournier, Yellow Mayflower, Yellow Jones, Appleton, Golden Wedding, Golden Beauty, Yellow Eaton.
Pink—Wm. Duckham, J. K. Shaw, Lavender Queen, Marion Newell, Richardson, Marie Liger, Viviand-Morel, Mrs. Murdock, Perrin, Pacific.
Red—Oakland, M. P. Labbe.
Price, 10 cents each; $1.00 doz.
WIETOR BROS., 51 Wabash Ave., Chicago.

Chrysanthemum strong stock plants. Duckham, Cobbold, Marion Newell, H. Plumridge, Boccace, Ben. Wells, Dr. Enguehard, 25c each. Thirkell, Liger, Chamberlain, Balfour, 15c each. T. Eaton, Yellow Eaton, Goldmine, Golden Wedding, Appleton, Mrs. Jerome Jones, Coombes, Alice Byron, Monrovia, Chadwick, Lavender Queen, Orizaba, Merry Xmas, 10c each. Polly Rose, Willowbrook, Glory Pacific, Ivory, Pink and White Bonnaffon, White and Yellow Robinson, Blackhawk, Merza, Casco, Elmer D. Smith, Souci, 6c each.
Stuppy Floral Co., St. Joseph, Mo.

Chrysanthemum stock plants. Australie, Balfour, A. Byron, M. Bailey, Bentley, Chadwick, Convention Hall, Col. Powell, L. Deveau, Eaton, Halliday, Liger, Coombes, Emmerton, Chamberlain, Thirkell, Mrs. Pockett, Tranter, Mme. Herrewege, Mme. Nicollaud, Mme. P. Radaelli, M. Richardson, Mounier, G. Wedding, R. E. Richardson, F. S. Vallis, Yanariva, 7c each. S. T. Wright, F. A. Cobbold, Mildred Ware, Mrs. Buckbee, Lily Mountford, P. Plumridge, F. Molyneux, 15c each. Duckham, Filkins, Ben Wells, Maynell, W. R. Church. Mrs. F. S. Vallis. 25c each. No order filled for less than $2.00. W. A. Chalfant, Springfield, Mo.

CHRYSANTHEMUMS.
Stock plants of Yellow Bonnaffon, Monrovia, Appleton, Omega, Golden Wedding, Pink Ivory, Glory of Pacific, Marie Liger, Mrs. Perrin, Maud Dean, M. Newell, Mrs. Probin, White Bonnaffon, Chadwick, Alice Byron, Queen, Jones, Ivory; Convention Hall, $1.50 per doz.; Red Childs, all 75c per doz. except where noted. Cash, please.
G. M. NAUMANN, 1537 Doan St., Cleveland, Ohio.

Chrysanthemum stock plants.
White—Kalb, Ivory, Queen, F. Pullman, T. Eaton, Robinson, Mayflower, Niveus.
Yellow—Harry Parr, Bonnaffon, Lincoln, Solar Queen, G. Wedding, Yellow Fellow, Tuxedo.
Pink—Rose Owen, Pink Ivory, J. K. Shaw, Edna Prass, Mrs. Perrin, Shaggy Perrin, Maud Dean.
Red—G. W. Childs and Millbrook.
75c per doz., $5.00 per 100.
Andrew Bather, Clinton, Iowa.

Chrysanthemums, strong stock plants. T. Eaton, Chadwick, Diana, Garza, Ivory, Brutus, Maud Dean, Perrin, Lavender Queen, Merza, Nellie Pockett, Coombes, Viviand Morel, Yellow Eaton, Golden Wedding, Bonnaffon, Appleton, Mrs. Bassett, Intensity, 10c. Wm. Duckham, Mrs. T. W. Pockett, C. J. Salter, Thirkell, Leila Filkins, Yellow Chadwick, Cheltoni, Dr. Enguehard, P. Plumridge, Ben Wells, 25c.
Wm. L. Rock Flower Co., Kansas City, Mo.

Chrysanthemum stock plants. Wm. Duckham and Dr. Enguehard, $1.50 doz., $10.00 100. Mildred Ware, F. A. Cobbold, Ben Wells, $2.00 doz. Mrs. T. W. Pockett, M. Richardson, Mrs. Thirkell, Mrs. Coombes, A. Byron, C. J. Salter, Wm. R. Church, Convention Hall, $1.20 doz. Souv. de Calvat pere, 20c each. Plants shipped C. O. D. with privilege of examination.
G. A. Lotze, Glen Burnie, Baltimore, Md.

Chrysanthemum stock plants. Per 100:

F. A. Cobbold.	$12.00	Polly Rose	$ 5.00
Marie Liger	5.00	Monrovia	8.00
Lady Harriett ..	4.00	C. J. Salter	8.00
Dr. Enguehard..	12.00	Alice Byron	12.00
Mrs. Thirkell ..	9.00	Cheltoni	17.00
Opah	5.00	Duckham.	$12 to 17.00
Ben Wells	17.00		

S. S. Pennock, 1612 Ludlow St., Phila.

New chrysanthemums ready for immediate delivery. Valerie Greenham, Mrs. H. A. Allen, Lady Cranston, Mrs. J. A. Miller, J. H. Silsbury, Mrs. W. Higgie. These are good healthy stock in 3-inch pots, and if planted out now can be increased tenfold or more by February.
W. H. Thomas, Convent Station, N. J.

Chrysanthemums. White—Polly Rose, Willowbrook, Ivory, Niveus (grand), Adula (best incurved), Eaton (mammoth). Pink—Glory of Pacific, Pink Ivory, Liger, Daybreak. Yellow—Appleton, Yellow Eaton, Philadelphia, Pennsylvania, Bonnaffon, Lincoln. Any 4 for 25c; 20 for $1.00. W. J. Olds, Union City, Pa.

Chrysanthemums. Strong stock plants of Dr. Enguehard $1.00 per doz. Silver Wedding, Col. D. Appleton, Mrs. Jerome Jones, Columbia, Grates, W. K. Rieman, Helen Bloodgood, Marie Liger, White Bonnaffon, Mrs. S. J. Tranter, 75c per doz.
C. W. Reimers, Hite Ave., Louisville, Ky.

Chrysanthemums. Stock plants of Willowbrook, best early white; Robert Halliday and Ivory, strong and clean, $5.00 per 100, 75c per doz. Cash, please, or C. O. D.
A. Relyea & Son, Poughkeepsie, N. Y.

Chrysanthemums stock plants. Coombes, Robinson, Halliday, Tranter, Alice Byron, Salter, Convention Hall, Chamberlain, Golden Wedding, Balfour, Cadbury, $5.00 per 100. These plants were grown in solid beds, making extra fine clumps.
The Summerfield Floral Co., Springfield, Mo.

CHRYSANTHEMUMS. Stock plants of W. Duckham, Cheltoni, Leila Filkins, Harrison Dick, Ben Wells, and all the other last year's novelties. Also a full line of standard kinds. Prices right. Plants warranted true to name.
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Among the new varieties which we had on trial for this year are some magnificent sorts, 9 of which have been awarded certificates. Send for our November trade list which gives varieties, prices and full descriptions of each.
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Chrysanthemum stock plants of Balfour, Halliday, White and Yellow Bonnaffon, Appleton, Minnie Bailey, Ivory, Eaton, Pacific, Kalb, Whilldin, Estelle and Duckham. Write for prices. We have a large stock of Ivory.
Wm. Swayne, Box 226, Kennett Square, Pa.

Chrysanthemum stock plants. Omega, Bergmann, Bonnaffon, Estelle, Opah, Duvean, Oct. Sunshine, Ivory, 75c per doz., $5.00 per 100. Alice Byron, Halliday, Chadwick $1.00 per doz., $7.00 per 100.
Des Plaines Floral Co., Des Plaines, Ill.

Chrysanthemum plants. Wm. Duckham, 15c each. Marie Liger, White and Yellow Eaton, Robt. Halliday, Appleton, White and Yellow Bonnaffon, Estelle and 20 other best varieties at 75c a doz.
McKellar Greenhouses, Chillicothe, Ohio.

Chrysanthemum stock plants, Polly Rose, Willowbrook, Montmort, Pacific, Morel, Appleton, Maud Dean, Ivory, White and Yellow, Bonnaffon, Golden Wedding, Jerome Jones, $5.00 per 100.
J. D. Brenneman, Box 24, Harrisburg, Pa.

Chrysanthemums, stock plants now ready. White—Polly Rose, Willowbrook, Nellie Pockett. Pink—Glory of the Pacific. Yellow—Robert Halliday, $3.00 per 100; 75c per doz.
James Coleman, 212 Mansion St., Poughkeepsie, N. Y.

Mum stock plants, $6.00 100 prepaid. Robinson, Appleton, Childs, Monrovia, Omega, Liger and 2 extra early southern seedlings, white, curled, globe form and a deep yellow.
Avenue Floral Co., 3442 St. Charles Ave., New Orleans, La.

Chrysanthemums. Strong stock plants cheap. Robinson, Eaton, Appleton, Halliday, Balfour, Glory of Pacific, Polly Rose, Pink Ivory, Maud Dean, 85c doz.; $6.00 100. Cash with order, please. The Nunnally Co., Atlanta, Ga.

Chrysanthemum stock plants. Sinclair, $15.00 100. Eaton, Appleton, Dean, Merry Christmas, Bonnaffon, Jones, Rieman, Robinson, Liger, Pink and White Ivory, $10.00 100.
H. W. Field, 279 Main St., Northampton, Mass.

Chrysanthemum stock plants. Opah and Polly Rose, 5c ea.; Monrovia, Alice Byron, C. J. Salter, 10c ea., $1.00 doz. Cheltoni, Wm. Duckham, Dr. Enguehard, 15c ea., $1.50 doz.
Larchmont Nurseries, Larchmont, N. Y.

Stock plants of Wm. Duckham, 8 to 5 live shoots. $2.00 doz. Grown by Fritz Bahr, Highland Park, Ill. Send orders to
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Chrysanthemums, good clean stock of G. Pacific, Robinson, Kalb, Maud Dean and October Sunshine to close out at $3.00 per 100. Cash.
W. T. Stephens Co., Brookfield, Mo.

Chrysanthemum stock plants. Bonnaffon, $3.00 per 100; $25.00 per 1000; 25c per doz.
Louis Derocher, 1133 No. Main St., Brockton, Mass.

Chrysanthemum stock plants, field-grown. Estelle, Glory Pacific, Robinson, Bassett, Kalb, 10c each, $1.00 doz., $7.00 100.
A. Hauge, Birmingham, Ala.

Chrysanthemum stock plants. Glory Pacific, Bergmann, Yellow Bonnaffon, 60c doz. Dr. Enguehard, 25c each.
Riverside Greenhouses, Gardner, Mass.

Chrysanthemum stock plants. Golden Wedding, Yellow Bonnaffon, Robinson, 75c per doz., $5.00 per 100.
Dinstel Bros., 1056 No. 62d Ave., Chicago, Ill.

Stock plants of the finest pink chrysanthemum, Dr. Enguehard, $4.00 doz., $25.00 100.
Louis Dupuy, Whitestone, N. Y.

Chrysanthemum stock plants, large. Polly Rose, 4c; Ivory, 5c. Cash, please.
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Wm. Duckham, the only pink 'mum. Immediate delivery, 15c each; $1.50 doz.
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Standard stock mums, white and yellow, 4c. Cash with order. W. H. Jones, Lorain, Ohio.

Heavy Duckham, 25c ea., $2.00 doz.
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Holton & Hunkel Co., Milwaukee, Wis.

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Cinerarias. Stellata, Columbian, James prize strains, 2-in., $2.00; 3-in., $3.00 per 100.
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Cinerarias. Finest large-flowering, dwf., mixed, ready for 3-in. pots, $2.00 100.
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4000 cinerarias, 3-in. pots, very strong, medium large flowering, $3.50 per 100.
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150 cinerarias from 3-in. pots, fancy mixed, $3.00 100.
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Cinerarias, 2½-in., $2.00 100.
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Clematis, strong, white, $6.00 100. Cash.
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Choice rooted cuttings Verschaffeltii, Golden Bedder, etc., $4.00 per 100 by express; 50c per 100 by mail. R. C. Salvia splendens, 75c per 100 by mail. Cash. Contracts taken. Atlantic Coast Nurseries, Office, 606 4th Ave., Asbury Park, N. J.

Coleus, good varieties, 2¼-in., $2.00 100, $15.00 1000.
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Cryptomeria Japonica, 2-in., $5.00 100; 4-in., $10.00 100. E. I. Rawlings, Quakertown, Pa.

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Cuphea platycentra, 4-in. pots, 60c doz.
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Cyclamen persicum splendens, well-budded; best Hamburg strain, in 5 separate colors, 4 and 5-in. pots, $12.00, $18.00 and $25.00 per 100. Express only. Cash with order.
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Cyclamen, 4-in., $8.00 per 100.
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Orders booked now for Mr. Burbank's NEW SHASTA DAISIES ALASKA, CALIFORNIA, WESTRALIA $3.00 doz.; $15.00 1000. Having obtained my stock from Mr. Burbank, it is warranted to be pure and true to name. Plants ready in December. Postal for circular. Shasta daisy "Shasta," strong field plants, $3.00 100. Small plants, one-third less. Prepaid. Cash, please.
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Farfugium grande, 4-in., very bushy, $15.00 100; 5-in., extra fine, $20.00 100. This stock is finely variegated and in tip-top shape.
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Look here! The heaviest Bostons from pots in the U. S., will fill 8 and 10-in. pots, only 40c; 5-in., 35c; 4-in., 15c; 3-in., 8c; 2½-in., 3½c. Extra heavy Piersoni, 6-in., 50c; 5-in., 40c, will fill 8-in. pots; 4-in., 15c; 3-in., 8c; 2½-in., 4c. Cash, please.
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2000 Boston ferns from bench, stocky, well grown in full light, good shape, for 5-in., $15.00 per 100; 6-in., $20.00 per 100; 25 at 100 rate. Piersoni for 6-in., 25c; 7-in., 35c; 3-in., 10c. See violet and asparagus advs. Cash.
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Boston ferns, 6-in. pots, 2 ft. high, 18 to 20 fronds, 40c each; 5 to 5½-in., 25c to 35c; 7-in. specimens, 75c to $1.00 each; 8-in., $1.25 each. Ferns for fern dishes, mixed, 2½-in., 5c; 3-in., 15c to 20c, strong.
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BOSTON FERNS. Extra heavy stock in 6-in. pots. These plants are all fine specimens and will sell on sight. Plants will be shipped either with or without pots as desired. Price, $5.50 per doz.
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Boston ferns, 2½-in., $5.00 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c; 6-in., 50c; 7-in., $1.00; 8-in., $1.25. Piersoni ferns, 2½-in., 8c. Cash or C. O. D.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Assorted ferns for jardinieres, in all the leading varieties, 2¼-in., $3.00 per 100; $25.00 per 1000. 3-in., $6.00 per 100; $55.00 per 1000. 4-in., $12.50 per 100. 500 at 1000 rates.
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Boston and Pierson ferns, in 6 to 10-in. pots, $6.00 to $18.00 per doz. Send for sample lot. They are of extra value.
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Davis Bros., Geneva, Ill.

Boston ferns, from bench ready for 4 and 5-in., $10.00 100; 5-in., $15.00 100; 2½-in., $4.00 100. Nephrolepis cordata compacta, 3-in., $5.00 100.
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Ferns for fern dishes, in very best varieties, $1.50 100; $12.00 1000; 2¼-in. pots, $3.00 100; $25.00 1000.
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Piersoni ferns, 6-in., extra nice, $50.00 100. Bostons from 2½ to 10-in.; fine lot of 8 and 4-in., ready to shift. Write
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Cordata compacta ferns in 4-in., 5-in. and 6-in. pots, very cheap. Prices upon application.
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Ferns, 2½-inch Bostons, nice plants, 3c; 4-inch, 12c. To make room.
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Boston ferns, 6-in., 40c each; 3-in., $5.00 per 100. W. H. Parsil, Summit, N. J.

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Boston ferns, all sizes; good plants.
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Gardenia grandiflora, beautiful plants, field-grown, well branched, 18-in., $3.00 per doz. I prepay express charges.
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Genistas, 3-in., $4.00 100.
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Geranium rooted cuttings, surplus stock, at reduced prices to close them out. We need room for other stock. Speak quick if you want them. Chautemarle, new single salmon, L. Francais, new dbl. salmon, J. Madeline, new dbl. light pink, $1.50 per 100, $12.00 per 1000. Heteranthe, Mme. Landry, J. Viaud, Mme. Noizet, L. Corret, Canovas, Bellerophon, $1.25 per 100; $10.00 per 1000. Cash.
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Geraniums, 2¼-in. pots. S. A. Nutt, A. Ricard, Mme. Charrotte, Mme. Canovas, La Favorite, John Doyle, Mme. Jaulin, L'Aube, Jacquerie, Mme. Barney, $2.00 100; $20.00 1000. Mme. Landry, Viaud, Dbl. Gen. Grant, Granville, Gloire de France, $2.00 100; $15.00 1000. 500 for $8.75.
R. Vincent, Jr. & Son, White Marsh, Md.

Geranium cuttings, well rooted. Nutt, La Favorite, Paul Bruant, R. R. Gosslin, Dbl. Salmon Pink, Mme. Salleroi, all good strong top cuttings at $1.25 per 100. Cash with order.
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Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong 2½-in. plants, $5.00 per 100.
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Geranium PETER HENDERSON, a very much improved double Grant, should be in every growers' collection.
Strong rooted cuttings delivered free at 50c per doz. Albert M. Herr, Lancaster, Pa.

Geraniums, rooted cuttings. S. A. Nutt, Paul Bruant, Viaud, B. Poitevine, Mrs. E. G. Hill, Buchner, $1.50 100, $14.00 1000.
The W. T. Buckley Co., Springfield, Ill.

Geraniums Jean Viaud, Ricard, S. A. Nutt, La Favorite, E. G. Hill, Beaute Poitevine, $1.50 100, prepaid. Cash.
Chas. Gay, Des Moines, Iowa.

Geraniums Harry Hicover, 2½-in. pots, 40c doz.; 3-in., 50c doz. Mrs. Pollock, 3-in., 50c doz., $4.00 100.
Michel Plant and Bulb Co., St. Louis, Mo.

Geranium rooted cuttings, S. A. Nutt and Poitevine, good stock and true to name, $10.00 100. C. F. Treichler, Sanborn, N. Y.

Geraniums. 10,000 Nutt and 20 other varieties, 2¼-inch, strong, $2.00 per 100, $17.50 per 1000. Ludwig Mosbaek, Onarga, Ill.

Geraniums, rooted cuttings, best kinds, labeled, $1.25 per 100 by mail; $10.00 per 1000 by express. S. W. Pike, St. Charles, Ill.

Geraniums, best sorts, 2½-in., $2.00 per 100; rooted cuttings, $1.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Geranium rooted cuttings, mixed sorts, $1.00 per 100. Cash, please.
Albert W. Boerger, Gardenville, N. Y.

Geranium cuttings all sold.
W. H. Jones, Lorain, Ohio.

GLADIOLI.

Gladioli. Cut bloom in any quantity. Highest quality grown in the world. Groff's hybrids and other sorts the best obtainable. One hundred acres from which to select.
Arthur Cowee, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.

Groff's hybrid gladioli, $1.00 per 1000, will bloom the first year; bulblets, 35c per 1000. Colors are white, scarlet, crimson, bright pink, delicate peach and rose; flowers 3 to 5 inches in diameter. Cash with order.
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Gladiolus BLUSHING BRIDE is a beautiful, ivory white, with crimson flakes; unexcelled for cut flowers; excellent for early forcing. Price: 40c doz.; $2.50 100; $20.00 1000.
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Gladiolus bulbs for forcing. Shakespeare, May, Augusta, Eugene Scribe, Isaac Buchanan, Ben Hur, No. 1900.
John Fay Kennell, Chili Center, N. Y.
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Gladiolus bulbs. May and Groff's hybrids (both genuine). All sizes for sale cheap. Cash, please. P. O. Coblentz, New Madison, Ohio.

Bulbs and bulblets. Colors or mixed. Write for prices. E. E. Stewart, Rives Junction, Mich.

Our gladiolus bulbs are good. Try them.
Cushman Gladiolus Co., Sylvania, O.

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Golden elder, 3-yr., $60.00 1000. Euonymus, 1-yr., 12 to 15 in. high, $60.00 1000. Box edging, 3 to 4 in. high, $50.00 1000. Achillea The Pearl, $5.00 100; A. rosea, $4.00 100. Aquilegia, $5.00 100. Santolina, large, $6.00 100. Coreopsis lanceolata, $4.00 100. Dianthus barbatus, $5.00 100. Funkia coerulea, $4.00 100. Gaillardia grandifl., $5.00 100. Helianthus max., $4.00 100. Delphinium formosum, $5.00 100. Hollyhocks, dbl. white, red, pink, yellow, 1-yr., $8.00 100; single, mixed, $6.00. Golden Glow, $3.00 100. Lychnis Haageana, chalcedonica, $5.00 100. Monarda rosea, $5.00 100. Myosotis palustris, $3.00 100. Anthemis tinctoria, $5.00 100. Heuchera sanguinea, $6.00 100. Stokesia cyanea, $5.00 100. Pyrethrum roseum, $5.00 100. Papaver orientalis, $5.00 100. Veronica longifolia, $8.00. Platycodon, blue, $5.00 100. Digitalis gloxinaeflora, $6.00 100. Agrostemma coronaria, $5.00 100. Cash.
W. G. Eisele, West End, N. J.

Boxwood pyramids, 4 ft., $150.00 100; 3 ft., $100.00 100. Boxwood for pots, fine stock, $25.00 100. Rhododendrons, hybrids for forcing, $50.00 100; larger size, $75.00 to $100.00. Azalea mollis, well budded, $25.00 100; standards, $50.00 100; extra, $75.00 100. Deutzia gracilis, $13.00 100; D. Lemoinei, $15.00 100. Hydrangea paniculata grandifl., $15.00 100. Lilacs, $45.00 100. Aristolochia Sipho, extra fine, $45.00 100. Dielytra spectabilis, fine roots, $7.50 100. Magnolia in variety, large plants, $150.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Handsome specimen Norway, sugar, sycamore and silver maples. Pin, scarlet and willow oaks. Oriental Plane, California privet, 2 and 3 years, transplanted, strong, bushy plants at $20.00 per 1000.
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Extra fine blue spruce (Koster), from 2 to 5 ft. high, taxus in all sizes, conifera, hardy shrubs, etc. All strictly first-class. Catalogue free. Van der Weijden & Co., Boskoop, Holland.

Complete Stock, Fruit and Ornamental Trees, Shrubs, Vines, etc. Send list for prices.
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Now is the time to book your orders for Japanese nursery stock for spring delivery. Send for catalogue.
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Trees and shrubs, fine varieties, low prices. Send for catalogue.
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Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

Lonicera japonica (type) and Symphoricarpos racemosus, $6.00 100; $50.00 1000.
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Apple seedlings, apple grafts, forest tree seedlings and general nursery stock.
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For your trees, shrubs, vines and small fruits send to WM. H. MOON CO., Morrisville, Pa.

Rudbeckia, extra choice large clumps, $5.00 100. John Brod, Niles Center, Ill.

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Heliotropes, blue, strong 2-in., 1½c; R. C., ¾c, mail. Cash.
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Heliotropes, 4 sorts, 2½-in., $2.00 100, $18.00 1000. Springfield Floral Co., Springfield, O.

Heliotropes, good varieties, 2¼-in., $2.00 100.
R. Vincent Jr. & Son, White Marsh, Md.

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Hibiscus, 3 varieties, $3.00 100.
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HOLLYHOCKS.

Hollyhocks, double, 6 colors, small, 1-year-old, $1.00 per 100. Cash.
Byer Bros., Chambersburg, Pa.

Hollyhocks, dbl. white, mixed, 3-in., $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

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Hydrangea Hortensis japonica, very strong, field-grown plants, will take 7 and 8-in. pots, $15.00 per 100.
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Thos. Hogg, stocky plants from out-door beds,
5 to 6 flowering crowns, $9.00 per 100
With 4 flowering crowns, 7.00 per 100
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Iris Germanica. A fine assortment ranging in colors from pure white to sulphur yellow, delicate lavender, light blue, rich royal purple and bronze. Strong divisions, $2.50 per 100; $20.00 1000.
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Hardy English ivy, $2.00 100, $15.00 1000.
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German ivy, 2½-in., $2.00 100; $18.00 1000.
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Japanese tiny plants and dwarfed trees of many varieties in attractive Japanese pots. An immense stock and the only stock of these novelties in the country; great value, first-class sellers, wonderfully unique and attractive. Price, $25.00 per 100.
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Lantana eleguntissima, pink trailing, 4-in. pots, strong, 75c doz. L. Le Poitevine, the best pink bedder, 4-in. pots, strong, $1.00 doz. Lantanas, white, 4-in. pots, $1.00 doz.
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Weeping lantanas, 2½-in., $2.00 100, $18.00 1000. Lantanas, 5 sorts, 2½-in., $2.00 100, $18.00 1000.
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Lantanas, 10 varieties, 2¼-in., $2.00 100, $17.50 1000.
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Lily of the valley pips, ready for delivery. Extra selected, $14.00 1000, in 2500 lots $13.00 1000; Berlin pips, extra early, $11.00 1000, in 2500 lots $10.00 1000; Hamburg pips, selected, $10.00 1000, in 2500 lots $9.50 1000.
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Bruns' lily of the valley from cold storage, $1.75 100; $15.00 1000; case of 2500, $35.00.
H. N. Bruns, 1409 W. Madison St., Chicago.

Lily of the valley forcing pips, fine variety.
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Lily of the valley pips and clumps. Write J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

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Mignonette, Allen's Defiance, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Mignonette (matchet), 2-in., $2.00 per 100.
E. I. Rawlings, Quakertown, Pa.

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MISTLETOE. "Silliman's Every Sprig Berried Brand." Grown on our preserves in the Indian Territory. Packed in our patent basket cases, mistletoe reaches dealer without breakage. Thirteenth year. Now booking orders for December shipment.
For prices address home office.
A. B. Silliman & Co., Boone, Iowa.

Mistletoe, 5 lbs., $1.00; 10 lbs., $1.50; 25 lbs., $2.50. Special prices on large lots.
Mrs. Geo. J. Starr, Wilson, N. C.

Texas mistletoe, heavy green foliage; fine, large, white berry. Large size crate, $1.00.
Wm. Anderson, Brownwood, Tex.

Mistletoe for the holidays. Give us your inquiries.
The Walker Seed Co., Oklahoma City, Okla.

Mistletoe heavily berried. Samples free.
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Moon vines, white and blue, 50c doz., $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

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English mushroom spawn, the best imported into this country. 15c per brick; $1.75 per doz. bricks, about 18 lbs.; 25 lbs., $2.00; 100 lbs., $6.00. Special prices on 500 lbs. and over.
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Mushroom spawn.
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Native bog plants, including dionaea, sarracenia, Nymphaea odorata, Nuphar sagittaefolium, etc. Send for price list.
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Oleanders, dbl. white and pink, 2½-in., $4.00 100. Springfield Floral Co., Springfield, O.

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We have always on hand a stock of established and semi-established orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

The most up-to-date and complete collection in the trade, hybrids a great specialty; descriptive and priced catalogue on request.
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Just received an importation of Cattleya Trianæ, all in good order. Correspondence solicited and inspection invited.
Thomas Jones, Tel. 30 F, Short Hills, N. J.

PALMS, ETC.

Kentia Forsteriana, 3-in. pots, 3 plants in pot, 16 to 18 in. high, 8 to 10 leaves, 15c each by the doz.; $12.00 100; $10.00 per 100 in 500 lots; 4-in., 20c. Kentia Forsteriana and Belmoreana, 6-in. pots, 5 to 7 leaves, 30 to 40 in. high, 75c to $1.00 each. 4-yr.-old Forsteriana, made up plants, 7-in. pots, 40 to 48 in. high, with 6 smaller around, about 18 to 20 in. high, $1.50 each. Areca lutescens, 5-in. pots, 3 in pot, 30c; 5½-in., 50c; 6-in., 30 in. high, 3 in pot, 75c. Latania borbonica, 6-in., 50c. Phoenix canariensis, 8-in. pots, 4 ft. high, 4 ft. wide, 14 perfect leaves, $2.00 each. G. Aschmann, 1012 Ontario St., Phila.

Cocos Weddeliana and Kentia Belmoreana, fine for centers of fern dishes, 10c each, $9.00 per 100. Kentia Belmoreana, 4-in., nice stock, 25c each. Latania Borbonica, strong, 4-in., $15.00 per 100.
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Latania palms and arecas. Write J. W. Colflesh, 53rd St. & Woodland Ave., Phila.

Philadelphia-grown palms. Write.
Joseph Heacock, Wyncote, Pa.

Kentia palms. Large assortment.
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Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

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500,000 pansy plants ready for shipment. Florists' International is the cream of pansies from leading European growers, strong transplanted, $5.00 per 1000. Seed bed plants, $4.00 per 1000, 50c per 100; in bud and bloom, bushy plants, $1.50 per 100. Giant pansies, very large flowering, rich colors, mixed, also sepsrate colors, strong, transplanted, $3.00 per 1000. Seed bed plants, $2.50 per 1000, 30c per 100. Cash. Geraniums and bedding plants by the 1000 and 10,000 lots. Ferns, Piersoni and Boston, price and quality right.
Ludwig Mosbaek, Onarga, Ill. Onarga is 85 miles south of Chicago. I. C. R. R.

Pansy plants of my largest flowering mixture of show varieties, unsurpassed quality; large stocky plants at $3.00 per 1000. 500 at 1000 rate. Gustav Pitzonka, Bristol, Pa.

Pansies, strong, stocky plants. Plant now for spring; 7 distinct colors or mixed varieties, $3.00 per 1000; 2000 for $5.00.
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Giant pansies, will please your trade, $2.00 per 1,000. Cash.
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Pansy plants, 60c 100, $2.50 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Pansies, good out-door plants, a high-class mixture for retail trade, 50c a 100 by mail; $2.50 a 1000 by express.
R. Kilbourn, Clinton, N. Y.

Fine pansy plants, Vanghan's Giants and International mixture, postpaid, 60c per 100; by express $3.00 per 1,000.
Fred E. Hollard, Highland, Ill.

Giant pansies, selects, fine, stocky plants, $2.50 per 1000; $4.50 for 2000. Cash.
Byer Bros., Chambersburg, Pa.

25,000 extra fine pansy plants, $3.00 per 1000. Parkside Greenhouses, 746 E. 70th St., Chicago.

Pansies, Mme. Perrett and from our own famous strain, $2.50 per 1000, $10.00 per 5000.
J. C. Schmidt Co., Bristol, Pa.

100,000 pansy plants, leading trade varieties, $3.00 1000, cash with order.
L. I. Neff, Pittsburg, Pa.

100,000 pansies, excellent strain, $2.50 per 1,000; $10.00 per 5,000.
Morel Bros., 624 E. Market St., Scranton, Pa.

PELARGONIUMS.

Pelargoniums, 20 best named varieties, including Victor, Surprise, Vibert, Countess Dorothy, Raikes, Andre, Vivid, Perkins, Bride, Pansy, Violet, etc., rooted cuttings, $2.50 per 100; 2½-in., $3.50 per 100. J. Sylvester, Oconto, Wis.

Pelargonium rooted cuttings, 15 varieties, $2.25 100. S. D. Brant, Clay Center, Kan.

Pelargoniums, mixed, 2-in., $3.00 per 100.
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PEONIES.

Peonies in 6 named kinds; white, blush, rose, variegated, red and crimson, $1.50 per doz., $8.00 100, $75.00 1000. 500 at 1000 rate.
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Fine collection of peonies including Festiva maxima. For prices write
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Petunias, dbl. fringed, 6 distinct novelties, $1.00 100; $9.00 1000.
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Phloxes (hardy perennial) transplanted, field-grown plants, mixed colors, $2.00 per 100; $18.00 per 1000.
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PLUMBAGOS.

Plumbagos, blue and white, 3-in., $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

POINSETTIAS.

POINSETTIAS.	Per 100
3-inch	$8.00
4-inch	15.00
5-inch	$20.00 and 25.00
6-inch	30.00 and 35.00

Strong plants. Satisfaction guaranteed.
Cash with order.
Baur Floral Co., Erie, Pa.

Poinsettias, 4-in. pots, $8.00 per 100; 6-in., $15.00 per 100.
Chas. Long, 1820 Buckius St., Sta. F., Phila.

Poinsettias, from 2½-in. pots, strong plants, $5.00 per 100. Underwood Bros., Columbus, O.

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Primula obconica, fringed and others, 4 colors, extra select bushy plants full of buds and flowers, 4-inch, 6c; 5-inch, 10c. Chinese and Star primula, strong 5-inch, full of buds and blooming, 10c; no better stock at any price.
Wm. S. Herzog, Morris Plains, N. J.

Primula chinensis fimbriata and Primula obconica grandiflora, in bud and bloom from 4-in. pots, $10.00 per 100; from 5-in. pots, $1.80 per doz.
Paul Mader, East Stroudsburg, Pa.

New primrose BUTTERCUP, primula floribunda, fine plants out of 2½-in. pots, $10.00 per 100.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Primula obconica grandiflora, fine plants, 2-in., $2.00 per 100. Cash with order.
M. & S. L. Dysinger, Albion, Mich.

Primula obconica, fine stocky plants, in bud, from 4½-in. pots, $8.00 per 100.
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Primula chinensis for Xmas blooming, Rupp's best strain. 4-in., $8.00 100.
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Baby primrose in bloom, strong, from 3-in., $5.00 100. Cash.
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Primula Forbesii, nice stock, 2-in., $1.50 per 100. Cash. Byer Floral Co., Shippensburg, Pa.

Primula chinensis, 2½-in., $2.00 100.
Converse Greenhouses, Webster, Mass.

Primula chinensis, 4-in., $6.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

PRIVET.

Choice California privet, well branched and well rooted.

	100	1000
3-year, 2½ to 3 feet	$2.75	$25.00
3-year, 2 to 2½ feet	2.50	22.50
2-year, 3 to 4 feet	2.75	25.00
2-year, 2 to 3 feet	2.15	18.00
2-year, 1½ to 2 feet	1.75	14.00

TAKE 10 PER CENT OFF for cash. Prompt shipment. Cash with order, packing free. Atlantic Coast Nurseries, Office, 606 4th Ave., Asbury Park, N. J.

100,000 California privet, fine well furnished 2-year-old plants, 12 to 20 inches (good plants), $1.50 per 100; $10.00 per 1000; 18 to 24 inches, well branched, $2.00 per 100; $15.00 per 1000; 2 to 3 ft., strong and fine, $3.00 per 100; $25.00 per 1000; 3 to 4 ft., all selected plants, $4.00 per 100; $35.00 per 1000. The grade guaranteed to be above most stock offered; packed free of charge.
Charles Black, Hightstown, N. J.

California privet, 3 years, 2½ to 3 ft., $3.00 100; $28.00 1000; 2 years, 3 to 4 ft., $2.75 100; $25.00 1000; 2 to 3 ft., $2.25 100; $20.00 1000; 20 to 24 in., $2.00 100; $15.00 1000; 15 to 20 in., $1.75 100; $12.00 1000; 1 yr., 12 to 18 in., $1.00 100; $8.00 1000. Cuttings, 75c 1000. Packing free.
J. H. O'Hagan, Little Silver, N. J.

California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

ROOTED CUTTINGS.

Rooted cuttings. Orders booked now for the following: Verbenas, petunias, salvias, ageratums, daisies, heliotropes, feverfew, coleus. Express prepaid. Write
S. D. Brant, Clay Center, Kan.

The CHEAPEST way, the EASIEST way, and the BEST WAY to get rid of that surplus stock is to use the REVIEW'S classified advs.

ROSES.

Should you want set aside for your spring planting any Anne de Diesbach, Boule de Niege, Gloire Lyonnaise, Gen. Jacqueminot, Mrs. Jno. Laing, Mme. Chas. Wood, Mme. Plantier, Mme. Masson, Magna Charta, Paul Neyron, The Bride, Bridesmaid, Etoile de Lyon, Maman Cochet, White Maman Cochet, Yellow Maman Cochet, Marie Guillot, S. de Pierre Notting, Papa Gontier, Perle des Jardins, Sunrise, Sunset, Kaiserin Augusta Victoria, La France, White La France, Meteor, Helen Gould, Souv. de Pres. Carnot, Clothilde Soupert, Hermosa, Crimson Rambler, Pink Rambler, Yellow Rambler, White Rambler, Mrs. Robt. Peary or Marechal Niel, either in 2½ or 4-in. pots. Write to
The Leedle Floral Co., Springfield, Ohio.

Our new red rose RICHMOND is best red forcing variety yet produced. It was awarded the silver cup at the World's Fair for the best seedling rose, and a special silver cup at Chicago for best seedling. Price: Own root plants, $30.00 per 100, 250 for $70.00, 1000 for $250.00; 500 at 1000 rate.
ROSALIND ORR ENGLISH, our pink seedling from Mme. Chatenay, was awarded certificate of merit at the Chicago show. Price: $25.00 per 100, $200.00 per 1000.
Both of these varieties are easy to propagate and easy to grow. If it isn't convenient for you to come to Richmond and see them, write to us for full particulars.
E. G. HILL CO., Richmond, Ind.

Crimson Rambler roses, extra, $15.00 100. H. B. roses, etc., as long as stock lasts, $10.00 100. Ulrich Brunner, American Beauty, Anne des Alpes, Gen. Jacqueminot, Gen. Washington, La France, Mabel Morrison, Magna Charta, Mrs. J. Laing, Prince C. de Rohan, Paul Neyron, Paeonia, Reine, Marie Henrietta, etc.
F. W. O. Schmitz, Prince Bay, N. Y.

Orders booked now for strong field rose bushes; will begin digging in about two weeks.
Maman Cochet $6.00 100; $50.00 1000
White Maman Cochet.... 7.00 100; 60.00 1000
Kaiserin 10.00 100; 80.00 1000
Cash with order.
C. Akehurst & Son, White Marsh, Md.

Roses. Crimson Rambler, Pink Rambler, White Banksia, Manda's Triumph, Universal Favorite, South Orange Perfection, field-grown, $10.00 per 100. Cherokee, $4.00 per 100. 12 to 18 inches. James M. Lamb, Fayetteville, N. C.

Roses for pot plants for Easter. American Beauty, $8.00 100; $75.00 1000. Kaiserin, $8.00 100. La France, $8.00 100. All good two-year-old plants to be lifted from benches.
C. W. Cox, 2nd & Bristol Sts., Phila.

We are booking orders for rooted cuttings of Bride, Maid, Liberty, Gate and Beauty roses. Give us a call for cut roses.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Early new rose cuttings. La Detroit, McArthur, Carnot, Belle Siebrecht, Perle, La France, Maids, Brides, Woottons. Write
Geo. A. Kuhl, Pekin, Ill.

Rose of Sharon, dbl. pink, 3-year, bushy, $10.00 100. Crimson Rambler, strong, $10.00 100. Packing free. Cash.
Jas. Ambacher, West End, N. J.

The new rose MME. LEVAVASSEUR, also called Dwarf Crimson Rambler, field-grown, $5.00 doz., $40.00 100.
Louis Dupuy, Whitestone, N. Y.

Hardy perpetual standard and dwarf roses. Crimson Ramblers, etc. First-class stock. Catalogue free.
Van der Weijden & Co., Boskoop, Holland.

5000 strong, 2-year-old American Beauty plants, in good shape for forcing, $8.00 per 100.
Chicago Carnation Co., Joliet, Ill.

We have a fine stock of young roses, 175 varieties. Write us.
Springfield Floral Co., Springfield, O.

Roses, Marechal Niel, 3-in. pots, $5.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ROSE STOCKS.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Ficus elastica, choice, 7-in. pots. Per doz.:
18 to 24 in. high, single stems .....$ 6.00
24 to 30 in. high, single stems 9.00
18 to 24 in. high, branched 8.00
24 to 30 in. high, branched 12.00
Michel Plant and Bulb Co., St. Louis, Mo.

Ficus elastica, 5, 5½, 6-in., 16 to 25 inches high, 10 to 17 leaves, strong, bushy, 30c, 40c to 50c; specimens, 6 to 7-in., 30 inches high, and up, 75c.
G. Aschmann, 1012 Ontario St., Phila.

Ten large bushy rubber plants for sale, suitable for stock; cheap.
C. L. Reese, 772 So. Limestone St., Springfield, O.

A nice lot of ficus, 18 to 36 inches, at a bargain. Write Geo. A. Kuhl, Pekin, Ill.

Rubbers, 20 to 24 inches high, $4.00 doz.
Geo. L. Miller Co., Newark, Ohio.

Ficus, 6-in., $35.00 100; 4-in., $22.50.
Wm. C. Smith, 61st & Market Sts., Phila., Pa.

Ficus, 12 to 15 in. high, $2.00 doz.
R. Vincent, Jr. & Son, White Marsh, Md.

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Salvia officinalis var., 4-in. pots, bushy, 75c doz., $5.00 100. S. St. Louis, 4-in., large, $1.00 doz. Michel Plant and Bulb Co., St. Louis, Mo.

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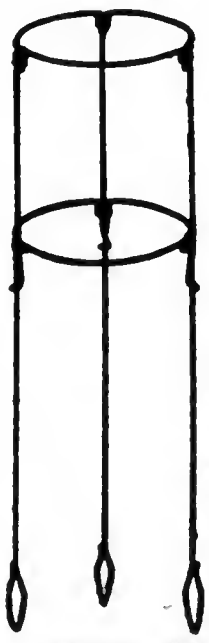
BOBBINK & ATKINS, Rutherford, N. J.

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DRAUGHT.

In these days of brisk competition, when each year sees a number of new establishments erected in our larger cities, with the cost of fuel increasing and bills pouring in from every direction, the florist of today racks his brain to find means to cut down expense and his thoughts center on his heating plant. Can he save anything there? Now, in my journeys through different establishments, I notice that all the boilers are placed in the center of the range of houses, or if not there, at least enclosed and virtually a part of the establishment. Now the question is this: When the heating plant is on the inside, in order to get draught, does it use the warm air of the greenhouse, thereby increasing the chances for disease, receiving the supply of fresh air through seams in walls or cracks in the glass, necessitating increased firing? Or having the boiler on the outside, getting the draught from the outer air, does it increase the amount of coal used by receiving its draught from the cold air? This seems perhaps to be a very simple question, but as I said before, the question of fuel enters largely into the calculation of the up-to-date florist and I would like very much to hear from some of my brother florists on this question. F. A. B.

OCEANIC, N. J.—The assistant gardeners challenged the head gardeners to bowl and defeated them in two games last week. Twenty-eight players participated and P. Mulvihil, of the assistants, distinguished himself by making 222 in the first game.



...THE...

Model

EXTENSION CARNATION SUPPORT.

ALSO GALVANIZED STEEL ROSE STAKES AND TYING WIRE...

Endorsed by all the leading carnation growers as the best support on the market.

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Quaker City Machine Works, RICHMOND, IND.

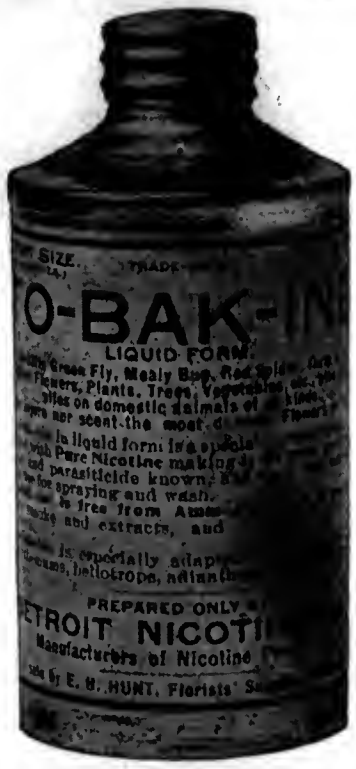
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"A great improvement over the bellows."

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of all LENGTHS and DIMENSIONS.

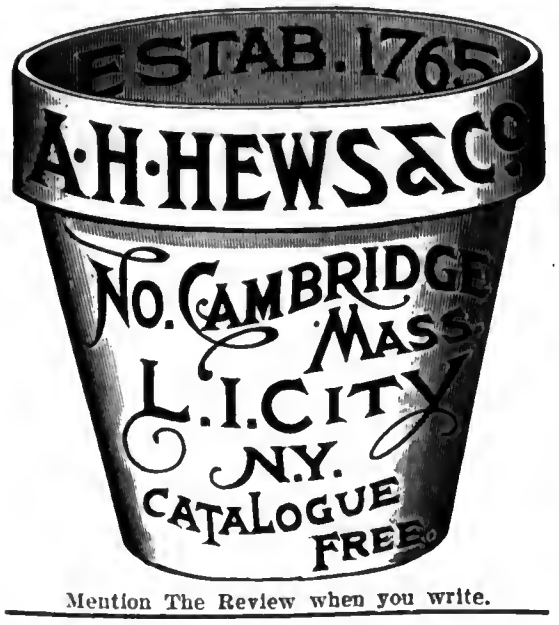
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See page 50. WM. BELL.

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of your plants from freezing. This can only be done by using a celebrated

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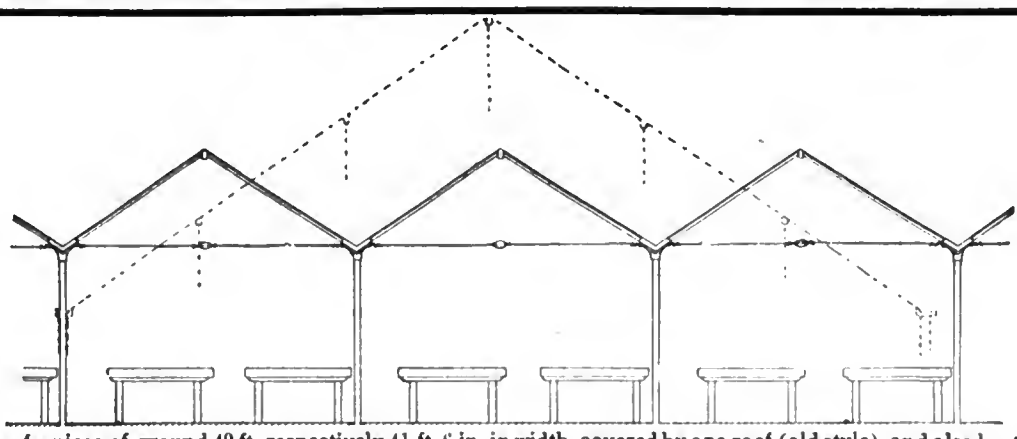
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FOR Greenhouse Glazing



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THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

520-535 Caxton Building,

334 Dearborn Street, Chicago.

NEW YORK OFFICE:
Borough Park.....Brooklyn, N. Y.
J. AUSTIN SHAW, Manager.

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I WOULD not think of doing without the REVIEW. It is both practical and interesting and using its advertisements has been very satisfactory.—M. MAGRUDER.

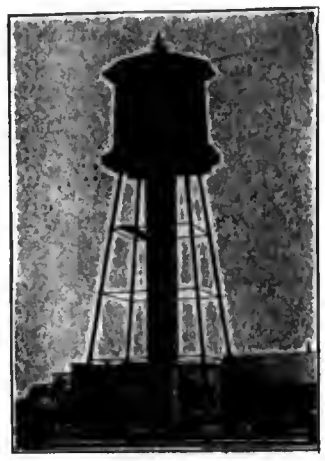
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Again we show you the beautiful constructive lines of the

FLORENCE
Steam or Water Boiler

THE HEATER THAT HEATS.
The one that HOLDS A WATER LINE.

Columbia Heating Co.
40 Dearborn St., CHICAGO.

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Over $78,000 has been paid by the FLORISTS' HAIL ASSOCIATION for glass broken by hail. for the past 17 years. For particulars address John G. Esler, Sec'y., Saddle River, N. J.

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233 MERCER ST., NEW YORK.
GREENHOUSE BOILERS
PIPES, FITTINGS AND VENTILATING APPARATUS
Send Four Cents for Catalogue. . . . GREENHOUSE BUILDING

Kroeschell Bros. Co.

IMPROVED

Greenhouse Boilers

51 Erie St., CHICAGO.



Boilers made of the best material; shell, firebox sheets and heads of steel; water space all around, front, sides and back. Write for information.

Can ship any size at once.

Telegraph us if you need one in a hurry.

They are supplied with our special openings which are arranged for either cast iron or threaded pipe.

MILWAUKEE, WIS., Feb., 1904.

DEAR SIR:—Please give me your price on two No. 7 and one No. 6 Boilers. I saw your adv. of special prices and I want to get that discount. **I have run one of your No. 6. Boilers now for ten years and I did not put one cent to it for repairs.** That is a record. How much money do you want down on each boiler to bind the order? Please send me a catalogue. GUST BUDZIEN, 599 2nd Ave.

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FOR SALE.

BOILERS New and second-hand greenhouse boilers, guaranteed. Send for prices, stating size wanted.

PUMPS Rider-Ericsson gasoline pumps, new and old.

PIPE New and second-hand wrought and cast iron; all fittings and valves.

TOOLS Stocks and dies, pipe cutter, Stillson wrenches, vises, etc.

GARDEN HOSE New. ¾-in., guaranteed 100-lbs. pressure, 7½ cts. per ft.; ¾-in., not guaranteed, 4¾ cts. per ft.

HOTBED SASH New. Cypress, 3-ft.x6ft., from 70 cts. up; glazed, complete, from $1.60 up.

GLASS American and French glass, all sizes and thickness. Carload and import orders solicited.

OLD GREENHOUSES BOUGHT.

Get our prices on **New Cypress Building Material, Ventilating Apparatus, Oil, White Lead, Putty, Paint, Points, etc.**

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GREENHOUSE GLASS.

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"WHITE ROSE" Brand.

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SIEBERT'S ZINC Never Rust Glazing Points

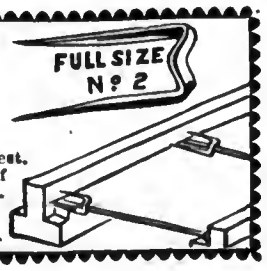
ARE POSITIVELY THE BEST. LAST FOREVER. Over 16,000 pounds now in use. A sure preventive of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes, ⅝ and ¾, 40c per lb.; by mail 16c extra; 7 lbs. for $2.50; 15 lbs. for $5.00 by express. For sale by the trade.

CHAS. T. SIEBERT, Sta. B., Pittsburg, Pa.

Holds Glass Firmly

See the Point

PEERLESS



Glazing Points are the best. No rights or lefts. Box of 1,000 points 75 cts. postpaid.

HENRY A. DREER, 714 Chestnut St., Phila., Pa.

There is one place where you can be sure of getting

THE BEST

GREENHOUSE MATERIAL

That is from the

FOLEY MANUFACTURING CO.

CHICAGO

471 W. 22nd ST.

We also make Hot-bed sash.

Illustrated catalogue sent free!

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GREENHOUSE GLASS a Specialty.

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HARTFORD CITY, IND.

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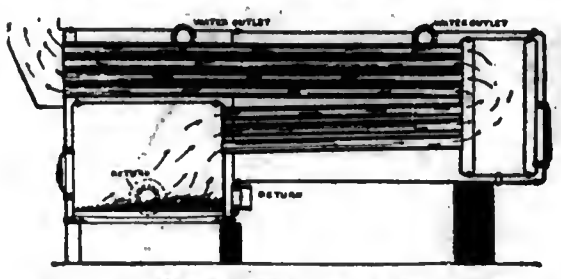
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Read what our customers say about them:



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"Superior to any Hot Water Boiler we have ever used. You certainly have placed the right name to your Boilers; no effort at all to keep the temperature at desired points when zero weather comes. Night after night the past severe winter weather gave your Boiler a good test. We are more than pleased with the Superior Boiler." Yours truly, Treanor & Rettic.

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SUPERIOR MACHINE & BOILER WORKS

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50 per cent. SAVED in your Fuel Bill by Using "ECLIPSE" or "INVINCIBLE"

Steel HEATING BOILERS.



Internally fired, easily accessible. No brick work to absorb heat units. No cast iron sections to crack; no joints to be repacked. Complete and ready to set up on leaving our works. Any kind or grade of fuel successfully used. Construction is of the **best flange steel.** No boilers on the market so readily and easily cleaned. Let us hear from you today. All sizes in stock.

Send for catalog.

BURNS BOILER & MFG. CO.,

Established 1863. **WEST DePERE, WIS.**

Minneapolis Office, 321 N. Y. Life Bldg.

FUMIGATING KIND BOOSTER.

Peach Dale, R. I.

Referring to your Fumigating Powder—would say that it is entirely satisfactory in every way.

See page 50.

JAS. A. TEFFT.

USE "BURNHAM" BOILERS

and REDUCE YOUR COAL BILL



YOU WANT PROFITS which continue to grow. The reasons why "BURNHAM" BOILERS will save coal for you is that there is a large combustion chamber, also a large active fire surface for each square foot of grate. They heat easily, quickly, efficiently. It takes but a short time to set up one of these boilers.

Write to-day to our New York Office for our catalogue of Greenhouse Construction and Heating & Ventilating Catalogue, sending ten cents for postage, 5 cents each.

LORD & BURNHAM COMPANY,

NEW YORK OFFICE: St. James Building, 1133 Broadway.

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WE MANUFACTURE EVERY TYPE OF GREENHOUSE FOR COMMERCIAL AND PRIVATE PURPOSES.

Galvanized Steel Patent "U" Bar Greenhouses.
Flat Rafter Iron-Framed and Red Gulf Cypress Greenhouses.
Ventilating Apparatus, Hotbed Sash and Frames, Benches, Putty.
PIERSON BOILERS FOR WATER AND STEAM.
Pipe Fittings, Valves and everything for Greenhouse Heating.

The Pierson-Sefton Company, West Side Ave. South, **Jersey City, N. J.**

Structures erected complete or material furnished with plans ready for erection.

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NOW IS THE TIME TO BUY

GREENHOUSE GLASS.

We have an over stock of the following in First-Class Double Strength: Write us for **SPECIAL PRICES**

40 boxes	8x10	50 boxes	10x18	25 boxes	12x18	35 boxes	14x18	200 boxes	16x18
11 "	12	25 "	24	40 "	24	40 "	20	50 "	20
200 "	10x12	25 "	12x12	20 "	25	20 "	24	200 "	24
25 "	14	25 "	14	100 "	14x16	100 "	16x16		

Sharp, Partridge & Co. 22d St. and Union Place, **Chicago**

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JOHN A. SCOLLAY,

Greenhouse Heating, Ventilating Apparatus. Hot Water and Steam Boilers.

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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XV. CHICAGO AND NEW YORK, DECEMBER 1, 1904. No. 366.

We offer the finest quality **LILIUM HARRISII** for immediate shipment.

No better stock can be obtained and the prices are low. Full case lots will be supplied at thousand rates.

			Per 100	Per 1000
Bulbs 6 to 7 in. in circumference,	350	to the case,	$4.50	$40.00
Bulbs 7 to 9	"	" 200 "	8.00	75.00
Bulbs 9 to 11	"	" 100 "	16.00	150.00

For other EARLY BULBS, for immediate delivery.

Allium Neapolitanum, Callas, Freesias, Lilium Candidum, Narcissus Paper White Grandiflora, French-Grown Trumpet Major Narcissus for Christmas flowering, White Roman Hyacinths, White Italians, Bermuda Buttercup Oxalis, Cold storage Lily of the Valley for Summer flowering.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

Asparagus Seeds

60c a hundred; $5.00 a thousand.
5000 for $22.50.

WM. F. KASTING,
WHOLESALE FLORIST,
383-387 Ellicott St., BUFFALO, N. Y.

THE LEO NIESSEN CO.

CYPRIPEDIUMS. BOUVARDIAS. PANSIES. MIGNONETTES.

1217 Arch Street, PHILADELPHIA

FIANCEE

In a class by itself.
Rooted Cuttings,
$ 12 per 100
100 per 1000

THE CARDINAL, Grand Scarlet Improved Estelle, $ 12.00 per 100 / 100.00 per 1000

Two Best White Carnations { LADY BOUNTIFUL, $6.00 per 100; $50.00 per 1000
WHITE LAWSON, 7.00 per 100; 60.00 per 1000

Chicago Carnation Co., -- Joliet, Ill.

THE FOLLOWING 'MUMS have been AWARDED C. S. A. CERTIFICATES

COMMERCIAL:

JEANNIE NONIN, (Thanksgiving White), the Queen of the 'Mum family.
DR. GALLOWAY, fine mid-season white.
CLEMENT NE TOUSET, big early white.
REVEIL A'BEGLES, big early yellow.
ROI d' ITALIE, second early yellow.

EXHIBITION:

MLLE. ANNA DEBONO, MME. EMILE LEMOINE,
PREFET BONCOURT, SOUV. d' CALVAT PERE.

All at 50c each; $5.00 per doz.; $35.00 per 100.

THE E. G. HILL CO., RICHMOND, IND.

FANCY HOLLY, SELECT GREEN, CHOICE TREES.

Send for our special jobbers' list on full line of Christmas Decorations. NO extra charge for EXTRA care.

Choice Valley Pips and Japan Lilies ready now.

W. W. BARNARD & CO., SEEDSMEN, 161-163 Kinzie St., CHICAGO

ROSES!
CARNATIONS!
VIOLETS!

And all Other Cut Flowers in Season

Price List. Subject to change without notice.

BEAUTIES—	Per doz.
Extra long stem	$5 00 to $6 00
24-inch stem	4 00
20-inch stem	3 00
15-inch stem	2 00
12-inch stem	1 50

	Per 100
BRIDES	4 00 to 8 00
BRIDESMAIDS	4 00 to 8 00
LIBERTIES	6 00 to 10 00
PERLES	$4 00 to $6 00
GOLDEN GATE	4 00 to 6 00
ROSES, our selection	3 00
CARNATIONS	2 00 to 2 50
" fancy	3 00 to 4 00
VIOLETS	1 00 to 1 50
ROMANS	2 00 to 4 00
NARCISSI	3 00 to 4 00
CALLAS	12 50 to 15 00
MIGNONETTE	3 00 to 4 00
VALLEY	$3 00 to $4 00
MAHONIA	1 00
ADIANTUM	1 00
SMILAX, per doz	1 25 to 1 75
GALAX, gr., 1000, $1 25	20
" br., " 1 50	20
LEUCOTHOE " 6 00	75
FERNS, per 1000, 1 50	20
Asparagus Sprengeri	2 00 to 3 00
" Plumosus	2 00 to 3 00
" " strings,	50 00

Send in your Order now for

RED BERRIES FOR CHRISTMAS

Two sizes of cases; Small cases $1.25; Large cases $2.50.

Write us for special prices on "NICO-FUME" and all Florists' Supplies; we are prepared to sell goods.

KENNICOTT BROS. CO.

Wholesale Commission Florists

40-42-44 Randolph Street,

L. D. Phone Central 466.

CHICAGO

DREER'S SPECIAL OFFER OF DECORATIVE PLANTS FOR THE HOLIDAYS.

Our stock of Decorative Plants suitable for the Holiday Trade is in fine condition, clean, vigorous, healthy stock of good color which will sell on sight.

PALMS! PALMS! PALMS! PALMS!

ARECA LUTESCENS.

	In. high	Per doz.	Per 100	Per 1000
2-in. pots, 1 plant in pot,	6 to 8	$ .75	$6.00	$50.00
3-in. pots, 2 plants in pot,	12 to 15	1.00	8 00	75.00
4-in. pots, 2 to 3 plants in pot,	15 to 18	3.00	20.00	190.00
5-in. pots, 3 plants in pot,	18 to 20	5.00	40.00	350.00
6-in. pots, 3 plants in pot,	24 to 28	9.00	75.00	
10-in. pots, very bushy.	48 to 54	4.00		

CALAMUS INTERMEDIUS.

A tropical species with finely feathered, dark green foliage, 6 in pots, 24 in. high, $1.50 each.

COCOS WEDDELLIANA.

3-in. pots, 6 to 8 in. high	$1.25 per doz.;	$10.00 per 100
3-in. pots, 10 to 12 in. high	2 00 "	15.00 "
4-in. pots, 15 to 18 in. high	4.00 "	30.00 "

Specimen plants in 5-in. pots, about 18 in. high, 75 cents each.

KENTIA FORSTERIANA.

	Per doz.	Per 100	Per 1000
2¼-in. pots, 4 leaves 8 to 10 in. high	$1.25	$10.00	$90.00
3-in. pots, 5 leaves, 12 to 15 in high	2.00	15.00	140.00
4-in. pots, 5 to 6 leaves, 15 in. high	4.00	30.00	
5-in. pots, 5 to 6 leaves, 18 in. high	6.00	50.00	
6-in. pots, 6 leaves, 28 to 30 in. high	$1.00 each		
6-in. pots, 6 leaves, 30 to 32 in. high	1.25 each		
6-in. pots, 6 leaves, 32 to 36 in. high	1.50 each		
8-in. pots, 6 to 7 leaves, 4½ feet high	5.00 each		
9-in. pots, 6 to 7 leaves, 5 to 5½ feet high	6.00 each		
10-in. pots, 6 to 7 leaves, 5½ to 6 feet high	7.50 each		
10-in. pots, 6 to 7 leaves, 6 feet high	10.00 each		
12-in. tubs, 6 to 7 leaves, 6½ feet high	12 50 each		
12-in. tubs, 6 to 7 leaves, 7 to 8 feet high	25.00 each		

KENTIA BELMOREANA.

	Per doz.	Per 100	Per 1000
2¼-in. pots, 4 leaves, 8 to 10 in. high	$1.25	$10.00	$90.00
3-in. pots, 5 leaves, 12 to 15 in. high	2.00	15.00	140.00
4-in. pots, 5 to 6 leaves, 15 to 18 in. high	4.50	35.00	325.00
5-in. pots, 5 to 6 leaves, 20 to 22 in. high	9.00	75.00	
6-in. pots, 6 leaves, 28 to 30 in. high	$1.25 each		
6-in. pots, 6 to 7 leaves, 30 to 36 in. high	1.50 each		

MADE UP KENTIA FORSTERIANA.

The made up plants are all of exceptional good value, and will be found especially useful for decorative work in the sizes above 5-in. pots.

3-in. pots, 3 plants in a pot, 10 to 12 in. high	$2.00 per doz.:	$15 00 per 100
4-in. pots, 3 plants in a pot, 15 to 18 in. high	4.50 "	35.00 "
5-in. pots, 3 to 4 plants in pot, 18 in. high	7.50 "	60.00 "
8-in tubs, 3 plants in tub, 4 to 4½ ft. high	$5.00 each	
9-in. tubs, 3 plants in a tub, 5 to 5½ feet high	6.50 each	
9-in. tubs, 3 plants in a tub, 5½ to 6 ft. high	7.50 each	
10-in. tubs, 3 in a tub, 6½ to 7 ft high	12.50 each	
12-in. tubs, 3 to 4 in a tub, 6½ to 7 ft. high	15.00 each	
12-in. tubs, 3 to 4 in a tub, 7 to 8 ft. high	20.00 each	

MADE UP KENTIA BELMOREANA.

We have about two hundred plants in 12-inch pots, three to four plants in a pot, very bushy shapely plants from 4½ to 5 feet high, not perfect in some of the foliage, at the same time not badly damaged. We are selling these at $10.00 each, at which price they are one of the best bargains we have ever offered in decorative stock.

KENTIA SANDERIANA.

A very nice lot of this beautiful palm.

Fine plants in 5-in. pots, 18 in. high	$1.25 each
Fine plants, in 6-in. pots, 24 in. high	1.50 each
Fine plants, in 7-in. pots, 36 in. high	3.00 each

LATANIA BORBONICA.

A large stock and best values we have ever given in this palm.

	Per doz.	Per 100
3-in. pots, 5 to 6 leaves, 12 to 15 in. high	$1.00	$ 8.00
4-in. pots, 5 to 6 leaves, 15 in. high	2.50	20.00
6-in. pots, 5 to 6 leaves, 18 to 20 in. high	6.00	50.00
7-in. pots, 6 to 7 leaves, 20 to 24 in. high	9.00	70.00
8-in. pots, 7 to 8 leaves, 20 to 24 in. high, fine plants	$1.00 each	
8-in. pots, 8 to 9 leaves, 24 to 28 in. high, fine plants	2.00 each	

PHOENIX CANARIENSIS.

Good decorative plants, in tubs, 3½ to 4 ft. high	$6.00 each
Good decorative plants, in tubs, 4 to 4½ ft. high	7.50 each

PHOENIX RUPICOLA.

A fine lot of specimens in 6-in. pots, about 2 ft. high, at $1.50 each

RHAPIS FLABELLIFORMIS.

7-in. pots, 36 in. high, with one or two small side shoots $2.00 each

MISCELLANEOUS DECORATIVE PLANTS.

ASPIDISTRA LURIDA.

Strong plants of the green leaved variety, 5-in. pots, 8 to 10 leaves, 50c each, $5.00 per doz., $40.00 per hundred.

AUCUBA JAPONICA.

Exceptional values in this hardy decorative plant.

Very bushy plants, 12 to 15 in. high	30c each; $3.00 per doz.
Very bushy plants, 18 to 20 in. high	40c each; 4.50 per doz.
Very bushy plants, 24 in. high	60c each; 7.00 per doz.
Very bushy plants, 3 ft. high	$3.00 each

BOX TREES—STANDARD OR TREE SHAPED.

Stems 15 in. high, crowns 18 in. in diameter	$1.25 each
Stems 36 in. high, crowns 18 in. in diameter	2 00 each

BOX TREES—PYRAMID SHAPED.

Shapely plants, 3 ft. high, 18 in. in diameter	$2.00 each
Shapely plants, 4 ft. high, 24 in. in diameter	3.50 each

BAY TREES—LAURUS NOBILIS.

Standard or Tree shaped, all with stems 42-45 ins. high.

Crowns 24 to 26 in. in diameter	$ 6.00 each
Crowns, 26 to 28 in. in diameter	7.50 each
Crowns, 30 to 32 in. in diameter	10.00 each
Crowns, 38 to 40 in. in diameter	15.00 each

DWARF STANDARD BAY TREES.

Very attractive, stems from 1½ to 2 ft. high with bushy crowns 24 to 26 in. in diameter, $7.50 each.

IMPERIAL STANDARD BAYS.

An entirely new form. These are really pyramids grown on a stem like an ordinary Standard. The stems are about 42 in. high, the pyramical crown is 4 ft. high and from 34 to 36 in. in diameter at base, $15.00 each.

PYRAMIDAL SHAPED BAYS.

4½ ft. high, 24 in. in diameter at base	$ 6.00 each
5 ft. high, 26 to 28 in. in diameter at base	7.50 each
6 ft. high, 30 in. in diameter at base	10.00 each
6 to 7 ft. high, 36 in. in diameter at base	15.00 each

DRACAENA TERMINALIS.

Nicely colored plants in 6-in. pots $9.00 per doz.

ADIANTUM FARLEYENSE.

5-in. pots, nicely furnished $9.00 per doz.

CIBOTIUM SCHIEDEI.

Good plants in 7-in. pots $2.00 each

BOSTON FERNS.

Elegant plants in 8-in. pots	$1.00 each
Elegant plants in 12-in. pans	2.00 each

SCOTT'S NEW BOSTON FERN.

Fine plants in 6-in. pots $1.25 each

PANDANUS VEITCHII.

Nicely colored plants in 6-in. pots $1.00 each

PANDANUS SANDERI.

Splendid specimens in 9-in. pots	$3.50 each
Splendid specimens in 10-in. pots	5.00 each

ARAUCARIA EXCELSA GLAUCA.

6-in. pots, 16 to 18 in. high, 3 tiers	$1.50 each
8-in. pots, 22 to 24 in. high, 4 to 5 tiers	2.00 each

PLANTS FOR FORCING.

AZALEAS FOR EASTER.

On account of Easter this year coming so very late (April 23) a season of the year when our regular spring shipmends demand our full attention, we have decided not to carry a supply of Azaleas until then, but to close out our entire stock as quickly as possible, therefore customers who usually procure their supplies late in the spring will do well to cover their needs at once. The principal sorts now in stock are Mme. Van der Cruyssen and Bernhardt Andreas Alba, the two best late flowering sorts of their color. These two varieties can be furnished in any proportion desired, but the selection of other varieties must be left to us.

We will still supply early orders at import prices.

12 to 14-in. crowns	$ 6.00 per doz.;	$ 45.00 per 100
14 to 16-in. crowns	7.00 per doz.;	55 00 per 100
16 to 18-in. crowns	12.00 per doz.;	100.00 per 100

DEUTZIAS FOR FORCING.

Strong two-year-old field grown plants suitable for 6-in. pots.

Gracilis	Per doz., $0.75; per 100, $6.00
Gracilis Rosea	Per doz., 1.00; per 100, 8.00
Gracilis Lemoinei	Per doz, 1.00; per 100, 8.00

AZALEA MOLLIS.

For early and late forcing Azalea Mollis is rapidly gaining favor; easily forced at a minimum cost for heat and labor, they are profitable stock for the retailer to handle. We are supplying at present an unusually fine grade of plants, 15 to 18 inches high, and covered with flower buds, $4.50 per doz.; $35.00 per 100.

FORCING LILACS.

A fine lot of pot grown plants, well set with buds and in prime condition for forcing, $6.00 per doz.; $45 00 per 100.

RHODODENDRONS FOR FORCING.

These are being used more extensively every season, and this year, with Easter at such a very late date, should prove especially acceptable, as they can be retarded much easier than Azaleas, and at the same time may be flowered at just the right moment at a minimum cost. We are carrying an extra large stock of bushy well shaped plants, 16 to 18 inches high, covered with buds, $9.00 per doz.; $70.00 per 100. Larger plants, 20 to 24 inches high, fine specimens, $11.00 per doz.; $90.00 per 100.

HENRY A. DREER, PHILADELPHIA, PA.

Chrysanthemum Stock Plants

NOW, when the merits of the different varieties are still fresh in your mind, is the time to think of your planting for another year. A few stock plants bought now will give you all the cuttings you will need later on, perhaps at a time when the particular variety you want may be hard to get. The plants we offer are from solid benches, consequently heavy and will give a great amount of cuttings. If upon arrival they are not satisfactory they may be returned at our expense.

Wm. Duckham, Dr. Enguehard, S. T. Wright, Ben Wells, W. R. Church, General Hutton, John Burton, Helen Frick, Mrs. Nathan Smith, F. A. Cobbold, Henry Barnes, 20c each; $2.00 per doz.

Mrs. T. W. Pockett, Nellie Pockett, F. S. Vallis, Princess, Mildred Ware, Mrs. Thirkell, 15c each; $1.50 per doz.

Golden Wedding, Monrovia, Timothy Eaton, Robinson, Bonnaffon, Glory Pacific, Halliday, Yellow Jerome Jones, Pink and White Ivory, Midge, G. S. Kalb, Black Hawk, Childs, Lincoln, Minerva, Adula, Bloodgood, Mutual Friend, Perrin, Maud Dean, Nagoya, Shrimpton, Golden Trophy and other standard varieties, 5c each; 50c per doz.; $3.50 per 100. Quotations on larger lots.

ROOTED CUTTINGS OF ALL THE ABOVE VARIETIES LATER ON. WRITE NOW.

SWEET PEAS

Best Winter and Spring Blooming Varieties. Emily Henderson, white; Countess of Radnor, lavender; Katherine Tracy, light pink; Salopian, red; 4-in. pots, strong plants, 10 inches high, 50c per doz; $3.50 per 100. JUST THE THING TO TAKE THE PLACE OF CHRYSANTHEMUMS.

We have about 300 Clumps of the old-fashioned **TALL GROWING CANNA**, extra large clumps, just as they were dug, each clump will make five divisions, 50c per doz.; $3.50 per 100.

The William Scott Co., - Corfu, N. Y.

WELL GROWN PLANTS FOR THE HOLIDAYS

JERUSALEM CHERRIES AND CALIFORNIA PEPPERS

Are just the thing for Christmas sales. Order now before severe cold weather makes shipping dangerous.

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Kentia Belmoreana	4	15-17	5-6		$3.00	$25.00
" "	6	22-24	6	$1.00	12.00	
" "	6	24-26	6-7	1.50	18.00	
" "	7	32-34	6	2.00	24.00	
" "	7	34-36	6	2.50	30.00	
" "	9	44-48	7-8	6 00		
" "	10	46-50	7-8	7.50		
Kentia Forsteriana	5	24-27	4-5	.75	7.50	60.00
" "	6	26-30	5	1.00	12.00	
" "	7	32-36		2.00	24.00	
" " single	8	34-38	5-6	2.50	30.00	
" "	9	46-48	5-6	6.00		
" "	10	48-56	6-7	7.00		
Latania Borbonica	2				.75	5.00
" "	3				1.00	7.00
" "	6	22-26	7	.60	7.00	
" "	7	26-30	7	1.00	12.00	
" "	8	30-34	7-8	1.25	15.00	
Phoenix Canariensis	8	38-42	10-12	2.50	30.00	
" "	12	46-52	12-15	5.00		
Ficus Elastica	4	10-12		.25	3.00	
" "	6				9.00	
Araucaria Excelsa	4	tiers	2-3	.50	6.00	
" "	5	tiers	3-4	1.00	9.00	
" "	6	tiers	4-5	1.25	15.00	
" " Compacta.	6	tiers	3	1.50		
Cocos Weddeliana	8				2.50	
" "	5			.75	9.00	
Pandanus Veitchii	4			.50	6.00	
" "	5			1.00	12.00	
" "	6	18-20		1.25	15.00	
Pandanus Utilis	8				2.00	
" "	5				5.00	
" "	6				9.00	
Nephrolepis Bostoniensis	2					4.00
" "	5				3.00	

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Nephrolepis Bostoniensis	6				$5.00	
" "	7				9.00	
Alsophila Australis	8			$1.50		
Cibotium Schiedei	6			1.50	18.00	
" "	7			2.00	24.00	
Adiantum Cuneatum	2					$3.00
Ferns for Dishes	2 good assortment					8.00
Dracaena Indivisa	4				1.50	10.00
" "	5				3.00	
" "	6				5.00	
Dracaena Fragrans	4				3.00	
" "	5				6.00	
" "	6				9.00	
" "	7				12.00	
Dracaena Massangeana	5			1.00	12.00	
Asparagus Plumosus	2					3.00
" "	3				1.00	8.00
" "	4				1.50	12.00
Crotons	3	"	"	"	1.50	
Crotons	4	"	"	"	3.00	
Poa Trivialis Var	3	Fine for Ferneries				6.00
Jerusalem Cherries	4				1.50	
California Peppers	4				1.50	
" "	5				3.00	
" "	6				4.00	
Bay Trees, Standards	24-in crown				7.50	
" "	28-in crown				10.00	
" "	36-in crown				17.50	
" Pyramids	7				17.50 each	
Cycas Revoluta	From $2.00 to $4.00 each					
Box trees	7-in pots, 18-high, $4.20 per dozen					

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Flamingo ..... $6 per 100, $50 per 1000

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2nd. It comes to perfection without special care or culture and can be grown in the same soil and temperature and with the same treatment given to Bride and Maid.

3rd. It ships perfectly, as it can be cut very tight and develops as well off as on the bush.

4th. Has very near the same tone of color as Liberty, with more scarlet and does not blue with age.

5th. This variety is nearly a pure tea, being seeded from LADY BATTERSEA, fertilized by LIBERTY, and as a result has shown no tendency toward going dormant in mid-winter, at which time the variety is at its very best.

6th. Produces freely throughout the year, long pointed buds on tall straight stems with elegant dark foliage.

7th. Is as easy to root, and grafts as readily as Bride or Maid.

8th. Has as delicious a fragrance as American Beauty.

Was awarded the silver cup at the World's Fair for best seedling rose and a special silver cup at Chicago for best seedling. Prices, own root—100 plants for $30; 250 for $70; 1000 for $250. 500 at 1000 rate.

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CHRYSANTHEMUMS

Among the new varieties which we had on trial for this year are some magnificent sorts, nine of which have been awarded certificates, viz.: **Clementine Touset**, the big early white Chadwick, October 8; **Dr. Galloway**, mid-season incurving white; **Mlle. Jeannie Nonin**, very late white, winner of the Sweepstakes and Silver Cup at Chicago as best New Mum of the year. These three sorts are marvelously fine commercial varieties in pure white, NONIN probably ranking as the finest Mum extant, regardless of date of blooming. Besides these are: **Reveil de Begles**, early commercial yellow; **Roi d' Italie**, early commercial yellow; **Anna Debono, Mme. E. Lemoine, Prefet Boncourt, Souv. d' Calvat Pere**, four grand exhibition whites. Besides these we have: **The Wells-Pockett Set** for 1905; **The Australians** of the year; **The Marquis of Pins Set, M. Calvat's Fine Sorts**, the best of **Nonin's, Bruant's** and **Rozain's.**

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		12	100	Case 250
SPIRÆA	Japonica, strong clumps	$ .50	$3.75	$8.75
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Hydrangea pan. grandifl	15.00
Lilacs, leading var	45.00
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Crimson Rambler, extra	$15.00

H. B., etc., roses, as long as stock on hand, per 100, $10.00, in the following varieties: Ulrich Brunner, American Beauty, Anne de Diesbach, Baronne de Rothschild, Coquette des Alpes, General Jacqueminot, General Washington, La France, Mabel Morrison, Magna Charta, Mrs. John Laing, Prince C. de Rohan, Paul Neyron, Paeonia, Reine, Marie Henrietta, etc.

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NOTES ON NOVELTIES.

The best novelty of the year, in my humble opinion, is Mrs. W. Duckham, the winner of the C. S. A. silver cup. As it was shown at Boston, no one had anything but praise for it, and as a tribute to its keeping qualities I may say that several flowers of this variety that were sent from England in the Wells exhibit traveled in perfect condition and were as fresh on the last day of the show as they were on the first, and this after being cut October 22, traveling 3,000 miles and being kept until November 3 before being exhibited. It is a great record and I predict as large a measure of popularity for this variety as W. Duckham, last year's cup winner, is now enjoying. The color of Mrs. W. Duckham is a lovely yellow, a little deeper than Cheltoni, which variety it resembles somewhat in appearance. When the buds are first opening a band of red shows along the edge of the petals, but by the time the flower is developed this color has faded, leaving a brilliant yellow that catches every eye.

Another yellow that has shown up very well is Merstham Yellow. This variety is valuable for its earliness, being this year fully finished by October 1, and showing a mid-season size and finish. It is a money maker for the commercial grower if he will only plant it early enough to give it a chance. This variety also came over from England in splendid condition, and was highly praised at Boston.

Emily Mileham is the best white of the new ones. It is very graceful in contour, full to the center and has a grand stem and foliage. It has kept very dwarf, not running over three feet in height, and is an ideal variety for a 6-inch pot. There are larger whites but none in my opinion so finely finished and I commend this variety to every lover of an artistic flower. Mrs. A. J. Miller is the largest of the new things, but its color is not specially attractive, only as a variety in a class for twenty-five varieties. There its immense size makes it valuable and as an exhibition flower it will be largely grown. Brick red is the nearest approach to describing its color. Late buds show much more brilliant coloring but the flower is much smaller.

J. H. Doyle shows a flower much like the preceding variety, but brighter in color. For the exhibitor this is grand, but the commercial grower will not take kindly to it, for owing to its massive growth, it takes up lots of room in the bench.

BRIAN BORU.

MUMS FOR POTS.

John Jones, gardener at the Phipps Conservatories, Schenley park, Pittsburg, has won wide fame for the excellence of the chrysanthemum plants which he grows for conservatory decoration. He supplies the following list of the best varieties for pot plants:

White: Niveus, Edith Smith, Nellie Pockett, Timothy Eaton, Belle of Castlewood, Miss Gladys Vanderbilt.

Pink: Viviand-Morel, A. J. Balfour, Maud Dean, William Simpson, Mrs. Higinbotham, Mrs. E. O. Wolcott.

Red: Dazzler, Black Hawk.

Yellow: Golden Wedding, Mrs. Elmer D. Smith, Sunstone, Miss Georgienne Bramhall, Miss M. M. Johnson, Golden Age.

Bronze: Brutus, Nyanza, Lord Hopetoun, S. T. Wright.

ROSES.

Propagating Young Stock.

Assuming that the house and benches are in readiness to receive the sand or other material to be used as a propagating medium, it should be transferred to the house and spread on the benches to the depth of five inches. It should then be well moistened and beaten firm so that it forms a solid mass. This will reduce the depth to about four inches. Then with a common butcher-knife make a cut across the bench. This cut should reach in depth to about the middle of the material, say two inches from the surface. By keeping the cut of a uniform depth all the heels of the cuttings will be exposed to the same temperature and moisture and tend to root formation in about the same period of time.

The cuttings should be inserted with as little delay as possible after being made so that the wound may not become too dry, as if they are allowed to become dry it greatly retards the process of root formation.

The cuttings should be placed in the sand about one inch apart for Brides, Meteors and other varieties of about the same habit of growth. Beauties require from two to two and one-half inches. The material should then be pressed firmly along the line and a parallel cut made for the next line of cuttings.

After a yard or two of the bench has been filled in this manner they should be thoroughly but gently watered, taking care not to displace any of the cuttings. If the weather is bright use the shading at once and on all necessary occasions for the first two weeks, by which time the callus will have formed and they may be able to stand a little more exposure.

The temperature of the sand should be about 60 or 62 degrees and that of the house about 50 degrees.



Chrysanthemum Emily Mileham.

I am aware that many growers subject their cuttings to a much higher temperature than this with apparently good results and get their batches out of the sand in a shorter time, which counts for a good deal where large quantities of young stock are required and propagating room scarce, but I am convinced that the slower method has the merit of producing stock with a better constitution and which when benched usually outstrip those of a softer growth.

It is essential to success to use a keen-edged knife to make a clean, short cut, as the smaller and cleaner the wound so much quicker will the callus form and the arrangement of the young roots will be more perfect.

The propagating medium should never be allowed to become dry but should at all times contain sufficient moisture to prevent wilting of the leaves and shrinking of the bark.

RIBES.

CARNATIONS

SELECTING SEEDLINGS.

The selection of the seedlings you expect to keep for further trial is as important as any part of the whole operation. You want to be sure to keep all those that are likely to be good and at the same time you do not want to get your place filled up with a lot of rubbish that will never bring you a dollar in return. Every seedling raiser knows only too well that many times he has had to shut his eyes and pull up a variety in which he had stored great hope but which, with all his care and good treatment, refuses to be anything but a second or third rate sort, not good enough to disseminate and yet almost too good to discard. A mistake made frequently by beginners is to put too much faith in the first blooms that appear on the plants; these blooms are very apt to mislead one. When the plants are in the field we merely use these first blooms as a means for selecting the plants we bring in, but we would not think of propagating a variety until we have seen a bloom inside about midwinter. Then is when you can judge as to the merits of a seedling.

Don't take in a plant that made a poor growth or has a poor habit; it will not improve in the future. Don't take in a plant that bursts the calyx; a variety that bursts in the fall will surely burst in the winter. Don't take in a plant that throws a weak stem in the field; it will be weaker inside. Don't be influenced too much by the color of the bloom in the field; the colors will seldom come just the same inside; sometimes they improve and sometimes just the reverse. Don't think that just because you have a fine, large, full bloom outside it is any cause for great elation; nine times out of ten inside it will burst or the stem will not hold it up or it will be a shy bloomer.

The seedling raiser must be a man who is not easily unbalanced. He must be always ready to meet success with modesty or disappointment with fortitude. The plants which promise the most in the field are liable to prove the poorest inside, and we know of cases where a plant looked only very ordinary outside and it proved one of the best inside. In fact, we have seen these same reverses even after one or two years' trial. We bring in every plant that has made a fair growth and has made blooms of average size or over, a good stem, a good calyx and good form, regardless of color or fullness unless it be single or inclined to burst. They will show their faults inside when they bloom again, but often they will improve in color and form. Those that are bloomed in pots can be judged a little better, but even these we like to see bloom the second time before propagating from them, especially if the first bloom came early in the fall. They will vary a great deal, mostly in stem and calyx, however.

As soon as a plant blooms and we decide to keep it we plant it in the bed where it can make a strong growth and a good lot of cuttings in case it proves worthy of a second years' trial. The second year you can tell more about the habit and productiveness of the variety. It is needless to say that the color should be pleasing at least and you will find that the solid colors are most in demand. If you succeed in getting a variety that grows upright, blooms early, with a good, strong stem, a 3-inch bloom, with a good calyx, pleasing color and good substance and fifteen to twenty blooms to the plant in a season, then you can call yourself fortunate. Few varieties have all these qualities combined. After receiving a certificate of merit from the American Carnation Society and showing it liberally you will have no trouble in selling all you can supply. The growers of the land are looking for that kind of variety.

A. F. J. BAUR.

SOIL FOR CARNATIONS.

I am sending a sample of the soil I am using for my carnations. There must be something the matter with it, as the plants make only a spindling growth. I can get no sods here, only from crab grass. I also send a sample of the subsoil, a pebbly red clay. Would it be better, or could the two be mixed with a fertilizer? J. T.

It would be very surprising if you succeeded in getting anything but a spindly weak growth on your carnations in the compost you have them growing in. It seems to consist mostly of sand and leafmold and there is no body to it. The other sample is not a bit better than what you are using. Try to find soil which is more of a loamy nature. A heavy clay soil would be far better than what you are using. Carnations like a sandy loam, a soil that has a good body and yet enough sand so that it will crumble readily when it dries out. It



Chrysanthemum Merstham Yellow.

does not necessarily have to be sod, but it should be soil that has not been worked too hard. If you can get soil from a field which has been producing good crops you will not go far wrong, however. By mixing in a liberal amount of cow manure you can bring up its fertility. If you are obliged to continue using the same soil you now have I would advise you to mix in cow manure liberally when composting it, but you can never make an ideal carnation soil out of it.

A. F. J. BAUR.

OBITUARY.

R. Will, Minneapolis.

Reinhold Will, of Minneapolis, died November 23 at the age of 62 years. Mr. Will was born in Germany and came to this country in 1873, locating in Henderson, Minn. Ten years later he removed to Minneapolis and established himself as a wholesale florist, later founding the firm of R. Will & Sons, among the largest growers of carnations and violets in the northwest. Of late he had suffered from rheumatism and had planned to spend the winter in the south, but a serious stomach trouble developed, compelling him to remain at home. He was taken to Rochester for an operation, but the case was seen to be hopeless, and he was taken home, managing to live long enough so that the entire family could gather around him in his last moment. The deceased leaves a wife and nine children.

L. Unverzagt, Springfield, Ill.

Louis Unverzagt, of Springfield, Ill., died very suddenly, of pneumouia, November 23, aged 58 years. Mr. Unverzagt was one of the best known florists in Springfield. He was a self-made man. Born in Carlstadt, Germany, he came to this country April 2, 1870, locating in Springfield. Mr. Unverzagt was employed by Governor Matteson two years, when the latter died. He then bought the plants and flowers owned by the governor and engaged in business for himself on the Matteson place. Mr. Unverzagt was successful and year by year extended his business. He was a man of sterling qualities and by his honest dealings made many friends. He leaves a widow.

TROUBLE WITH BULB STOCK.

I planted some of my Easter lilies the first of September and kept the rest of the bulbs in a buggy shed, having no other place to put them, and planted them September 22, when I noticed that the bulbs were getting damaged. I had all of them under the middle bench of a carnation house to start them, then put them on the bench after they were three inches high. I planted the jonquils in October and had them in the basement, which probably is not cool enough. In December they were growing through the sand, which was about four inches deep over the boxes. Then I took them in the greenhouse but they have not given a single bloom and no sign of any. What can be the reason?

I had Paper White, Von Sion and hyacinths in that same basement and they gave good flowers, only they started growing sooner than wanted. Now if I should put six inches of sand over them instead of three or four inches would it be better to retard them? The rest I planted outside in flats and laid the boxes on boards, covered them with leaves, then three inches of soil and about six inches of manure, which I was very careful would not ferment. Then later, as the season advanced, I increased the amount of manure, little by little to about two feet and a half. Those that I took out for Easter were very poor. The Murillo tulips were not more than half size. The Von Sion and hyacinths were short-stemmed and of poor quality. Some of the bulbs in some of the boxes would not grow at all while the other part of the box would be doing well. I would also ask you to let me know if Von Sion does well outdoors, in boxes to be taken in later in the greenhouse.

L. A. G.



Chrysanthemum Mrs. A. J. Miller.

First, it seems L. A. G. is talking about his Easter lilies of this season, while his complaint of the other bulbs is evidently his experience of last fall and winter. If the lilies are strong and well rooted they are all right and should be forced for mid-winter. As Easter is very late, they would have to be kept very cool to retard them for that date. Start your lilies in a cold frame and not under a bench.

Most likely your basement was too warm for the jonquils, but more likely you kept the soil in the flats too dry. Put all your bulbs outdoors and cover with three inches of light soil or tanbark. Those you are going to bring into force by the middle of November will need no other covering and those to be left out later will need no more than six inches of leaves or manure at any time. Two feet or more of stable manure covering these bulbs is ridiculous. They are all hardy except the Paper White and polyanthus narcissi, which should not be frozen.

If your basement is warm, or even 40 degrees, no amount of sand will retard them. They will keep growing, be long, attenuated stems and of little value. The Von Sion narcissus is a splendid bulb for beds or borders, but not often planted commercially, because there is such an abundance of the daffodils in every old woman's garden.

If you can't possibly put up a cold frame for your Paper White narcissi and French Roman hyacinths you might use your basement, yet it's a poor place for them. I am inclined to think that you have kept all your bulbs too dry and that they made little roots and those that had the covering of two and a half feet of manure were smothered.

Murillo is one of the easiest and surest tulips to have in flower after March 1 and in all the years we have been forcing bulbs we never remember having a failure with this queen of tulips. Album Neapolitanum cover only lightly and protect from severe freezing. When well rooted remove to greenhouse.

W. S.

BALTIMORE, MD.—Ed Van Reuth, Jr., says the outlook is very promising for a good winter's business.

UNIONTOWN, PA.—The Barton Floral Co. had a very large wedding decoration November 23, which was executed by Wm. Steele in very commendable style.

HELPING NATURE.

I desire to call attention through the Review to the excellent missionary work being done in the cause of floral decoration and artistic neatness by the Michigan Central railroad, through the embellishment of the grounds around its stations and by the introduction of flowers as an important factor in providing for the comfort and enjoyment of its many patrons. The liberal spirit manifested in this beautifying of the road and the thorough manner in which it has been carried into effect merit more than a passing word of recognition from every lover of flowers. The effect of the good example shown ought of itself to give a strong impetus to floral matters in the region through which the Michigan Central road runs.

I speak more especially of the portion of the line between Chicago and Detroit as observed on a recent trip. For some years past the company has been diligenty improving the scenic beauty of this part of its line, for which nature had already done much. Every station, however small, has its bouquet of color in the summer and the larger places have decorations which, with the tasteful modern architecture of the buildings, makes the road like a park from one end to the other. Much of the planting which has been done consists of shrubs and shade trees for permanent effect and is, on this account, particularly valuable as an object lesson for the surrounding country. The plants needed for the station grounds and the cut flowers for distribution to passengers are provided from the greenhouses of the road at Niles and Ypsilanti, under the direction of John Gipner. The larger houses at Niles consist of a conservatory, steel framed, with two wings, one seventy and the other thirty feet long, roof twenty feet from the floor. At the south end, facing the track, is a palm-house thirty feet high. The heating is by boilers in the basement of the main building. In the construction 10,000 feet of glass were employed. The latest and best appliances are provided and an extensive variety of plants are represented. Over half a million of free bouquets are distributed yearly to lady patrons of the Michigan Central.

Here at least is a great corporation which not only has a soul but a strong sense of beauty as well and I am glad to see that its good example is being followed by other railroads.

There is one thing more which we would be happy to see this road and others take up for the complete beautifying of their rights of way, and that is the establishment of desirable native shrubs, trees and hardy perennials along their tracks between stations. Many of these plants are in great danger of speedy extermination from various causes and unless protected will soon be lost to our flora. Nowhere in the country can they be so efficiently protected as along the railroad tracks. John Higgins.



Amos Perry, of Winchmore Hill, London.

(From a photograph by J. D. Eisele.)

CRINUMS IN FLORIDA.

Crinums belong to the amaryllidaceæ and are found chiefly in tropical regions. They are very handsome bulbous plants, with large flowers, mostly white or pink and white. Of the 100 or so varieties I doubt if more than thirty are grown in the United States and but one is native, C. Americanum, which is found in the Florida swamps, often growing right in the water. Its flowers are pure white, with narrow petals and very sweet scented. Of the various crinums grown in Florida C. Kirkii (Zeylanicum) is by far the commonest; you find it in every garden, usually called the milk and wine lily. It grows anywhere, in any kind of soil and even flourishes in abandoned gardens. It has twelve to twenty or more large white flowers to an umbel, with broad petals and a purple stripe on the outside of each petal, the scape being two feet high. The bulbs in time grow to a large size, sometimes to five inches diamter. They are cheap enough, as 3-inch bulbs can be bought for $3 per hundred.

The two giants of the family are C. augustum and pedunculatum. These often stand six feet high, the bulbs being huge and stump-like. C. augustum has pink flowers, twenty to thirty to an umbel. The petals are six to eight inches long and rather narrow. A fully expanded umbel is often over two feet across. C. pedunculatum is very similar, only the flowers are pure white and the leaves grow more upright.

Crinums are a mixed-up family and you can buy the same variety under half a dozen different names. Other varieties grown in Florida are erubescens, scabrum, fimbriatulum, campanulatum, crassifolium, giganteum, Virginicum, Moorei, Capense rosea and Capense alba, etc. Erubescens has solid pink flowers. Giganteum is giant only in name, as it is not a large growing kind. Its flowers are pure white, with a greenish throat and extra wide petals. Capense alba and rosea are often sold as Amaryllis longiflora; they stand the most cold. Of Moorei there are several varieties. One is a pure white, another a pink shading to white, and another white with a pink stripe. Virginicum is an English hybrid; it has white flowers, six to seven inches across; broad petals, with a faint pink stripe, and a scape sometimes four feet high. The flowers open in the evening and are especially sweet scented.

Crinums are increased by offsets and seeds. Some, like Americanum and Kirkii, produce seeds very freely; others like augustum, produce no seeds at all, and many of the hybrids, like fimbriatulum and Virginicum, are sterile or nearly so. The sterile varieties usually increase quicker by offsets than the fertile ones, though augustum is very slow, much slower than pedunculatum, which sets plenty of seeds. From seed a crinum will bloom in about three years. The seeds are large and fleshy. Hybridizing is very easily done, and many pleasing variations may be obtained.

Crinums are not particular as to soil. Here they often grow in the poorest sand, but rich soil, with plenty of cow manure and as much sun as possible, suits them best. When in full growth they require plenty of water, and manure water may be used with the best results, as they are very heavy feeders. When grown in the north in tubs or pots at least half of the bulb should be above the ground; here in Florida we plant them deep, but that is another story. In winter the bulbs may be dried off and kept in any place free from frost.

Louis Bosanquet.

AMOS PERRY.

The photograph of Amos Perry, a well known English grower of hardy plants, here reproduced, was taken at his place near London by J. D. Eisele, of the H. A. Dreer Co., in September. A pleasant thought has evidently crossed Mr. Perry's mind and is reflected in one of Mr. Eisele's first attempts at photography.

Phil.

Harlan, Ia.—W. M. Bomberger, of this city, is to read a paper on "Horticulture and Patriotism," before the Iowa State Horticultural Society at Des Moines, December 15.

PRONOUNCING DICTIONARY

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Frequent inquiry as to the correct pronunciation of plant names has led us to compile the following list of names, selecting those in most common use in the trade, and including botanical terms most frequently met with in articles upon plant culture.

As many names of plants are derived from Greek roots, we feel sure the following brief list of Greek root words, covering only those most readily recognized in names in common use, will be helpful.

Ampelos—A vine.
Anthemon—A flower.
Anthera—An anther.
Argyros—Silver.
Bios—Life.
Botrys—A cluster.
Brachys—Short.
Calos—Beautiful.
Cephale—A head.
Chamæ—Dwarf.
Chlamys—A cloak.
Chloros—Green.
Chroma—Color.
Chrysos—Gold.
Codon—A bell.
Cyanos—Dark blue.
Cyathos—A cup.
Dactylos—A finger.
Deca—Ten.
Derma—Skin.
Didymos—Twin.
Dolichos—Long.
Dory—A spear.
Dracon—A dragon.
Echinos—A hedgehog.
Erythros—Red.
Gala—Milk.
Glossa—A tongue.
Glottis—A mouth.
Gonos—Offspring.
Gyne—A woman.
Hedys—Sweet.
Helios—The sun.
Hemera—Day.
Hemi—Half.
Hesperos—Evening.
Hymen—Marriage.
Hyper—Above.
Hypo—Beneath.
Lycos—A wolf.
Macros—Long.
Micros—Little.
Monos—One.
Myrios—Countless.
Nephros—A kidney.
Odontos—A tooth.
Ornithos—A bird.
Oxys—Sharp.
Pachys—Thick.
Pedilon—A shoe.
Peri—Round.
Petalon—A petal.
Philos—Fond.
Phlebos—A vein.
Phyllon—A leaf.
Phyton—A plant.
Platys—Broad.
Pogon—A beard.
Polys—Many.
Podos—A foot.
Pteris—A fern.
Pyros—Fire.
Rhinos—The nose.
Rhiza—A root.
Rhodon—A rose.
Rops—A shrub.
Sciados—An umbrella.
Sideros—Iron.
Siphon—A tube.
Solen—A pipe.
Soros—A heap.
Spira—A coil.
Sporo—A seed.
Stemma—A wreath.
Stichos—A row.
Stoma—The mouth.
Stylos—A column.
Trichos—Hair.

With this help to an understanding of the construction of plant names derived from Greek roots, we will proceed to pronunciation. This is a matter upon which the best authorities are apt to disagree, in spite of the great amount of study that has been devoted to the subject. Though the greater part of our list of plant names has been derived from Greek and Latin, many other languages have been drawn upon, including those spoken by barbarous peoples, and no present day scholar can be positive as to the correct pronunciation of many names.

But all we of the trade desire is to know the pronunciation adopted by the best authorities, that we may have uniformity among ourselves. Our principal authorities in the compilation of this list have been *The Century Dictionary* and the Pronouncing Dictionary in *Nicholson's Dictionary of Gardening*. Other dictionaries have been consulted, but the two mentioned have, in practically every case, determined the pronunciation adopted in this list.

Where these two happened to radically disagree, preference has generally been given to the pronunciation adopted by *The Century*.

It may be well to add that of the two systems presented by *Nicholson's Dictionary*, we have drawn from the "Old Style." The "New Style" may be of interest to students, but it will never be current in trade circles.

In our list we have used the following

KEY TO PRONUNCIATION.

a as in fat	e as in met	ō as in note
ā as in fate	ē as in mete	ö as in move
ä as in far	ė as in her	ô as in nor
â as in fall	i as in pin	u as in tub
à as in fare	ī as in pine	ū as in mute
å as in Persia	o as in not	ů as in pull

The syllables to be accented are marked thus ′.

A

Abelia—(ab-el′i-å).
Abies—(ab′i-ēz).
Abroma—(ab-rō′må).
Abruptum—(ab-rup′tum).
Abrus—(ā′brus).
Abutilon—(a-bū′ti-lon).
Acacia—(a-kā′shiå).
Acalypha—(ak-al′i-få).
Acanthus—(a-kan′thus).
Acclimate—(a-klī′māt).
Acclimatize—(a-klī′mā-tīz).
Acer—(ā′ser).
Achillea—(ak-i-lē′å).
Achimines—(a-kim′e-nēz).
Achyranthes—(ak-ir-an′thes)
Aconite—(ak′ō-nīt).
Aconitum—(ak-ō-nī′tum).
Acorus—(ak′ō-rus).
Aculeate—(å-kū′lē-āt).
Acuminata—(a-kū-mi-nā′tå)
Ada—(ā′då).
Adansonia—(ad-an-sō′ni-å).
Adiantifolia—(ad-i-an-ti-fō′li-å).
Adiantum—(ad-i-an′tum).
Adlumia—(ad-lō′mi-å).
Adnate—(ad′nāt).
Aërial—(ā-ē′ri-al).
Aërides—(ā-er′i-dēz).
Æsculus—(es′kū-lus).
Æthiopica—(ē-thi-ō′pi-kå).
Affinis—(af-fi′nis).
Africana—(af-rik-ā′nå).
Agapanthus—(ag-a-pan′thus).
Agaric—(ag′a-rik).
Agaricus—(a-gar′i-kus).
Agave—(a-gā′vē).
Ageratum—(a-jer′a-tum).
Aglaia—(ag-lā′à).
Agrostemma—(ag-rost-em′må).
Agrostis—(a-gros′tis).
Ailantus—(ā-lan′tus).
Ajuga—(aj-ū′gå).
Akebia—(a-kē′bi-å).
Alata—(al-ā′tå).
Alba—(al′bå).
Albescens—(al-bes′enz).
Albicans—(al′bik-anz).
Albida—(al′bid-å).
Albus—(al′bus).
Alcicorne—(al-si-kôr′ne).
Alder—(âl′der).
Alexandræ—(al-ex-an′drē).
Algæ—(al′jē).
Allamanda—(al-å-man′då).
Allium—(al′i-um).
Alnus—(al′nus).
Aloe—(al′ō).
Aloë—(al′ō-ē).
Alsophila—(al-sof′i-lå).
Alternanthera—(al-ter-nan′the-rå).
Althæa—(al-thē′å).
Altissima—(al-tis′i-må).
Alyssum—(a-lis′um).
Amabilis—(am-ab′il-is).
Amarantus—(am-a-ran′tus).
Amaryllis—(am-a-ril′is).
Amelanchier—(am-el-an′chi-er).
Amellus—(am-el′us).
Americana—(am-er-i-ka′nå).
Ampelopsis—(am-pe-lop′sis).
Amygdalus—(am-ig′da-lus).
Ananas—(an-an′as).
Anceps—(an′seps).
Andersoni—(an-der-sō′nī).
Andreanum—(an-drē-ā′num).
Andromeda—(an-drom′e-då).
Anemone—(a-nem′ō-nē).
Angræcum—(an-grē′kum).
Angusta—(an-gus′tå).
Angustifolia—(an-gus-ti-fō′li-å).
Annua—(an′ū-à).
Antarctica—(ant-ärk′tik-å).
Anthemis—(an′the-mis).
Anther—(an′ther).
Anthericum—(an-ther′i-kum).
Anthracnose—(an-thrak′nōs).
Anthurium—(an-thū′ri-um).
Antigonon—(an-tig-ō′non).
Antiquorum—(an-ti-quō′rum).
Antirrhinum—(an-ti-rī′num).
Aphid—(af′id).
Aphides—(af′i-dēz).
Aphis—(ā′fis).
Apios—(ap′i-os).
Aponogeton—(ap-on-oj-ē′ton).
Aquatica—(a-kwat′i-kå).
Aquilegia—(ak-wi-lē′ji-å).
Arabica—(ar-āb′i-kå).
Arabis—(ar′a-bis).
Aralia—(a-rā′li-å).
Araucaria—(ar-â-kā′ri-å).
Arborea—(är-bō′re-å).
Arborescens—(är-bō-res′enz).
Arboretum—(är-bō-rē′tum).

Arbor-vitæ—(är'bor-vī'tē).
Arbutus—(är-bū'tus).
Ardisia—(är-dis'i-å).
Areca—(ar'ē-kå).
Arenaria—(ar-ē-nā'ri-å).
Argemone—(är-je-mō'nē).
Argentea—(är-jen'tē-å).
Argyræa—(är-ji-rē'å).
Argyrites—(är-ji-rī'tēz).
Aristolochia—(ar-is-tō-lō'ki-å).
Armeria—(är-mē'ri-å).
Artemisia—(är-tē-miz'i-å).
Arthurianum—(är-thur-i-ā'num).
Arum—(ā'rum).
Arundinaria—(a-run-di-nā'ri-å).
Arundo—(a-run'dō).
Arvensis—(är-ven'sis).
Asclepias—(as-klē'pi-as).
Asiatica—(ā-shi-at'ik-å).
Asparagus—(as-par'a-gus).
Aspidistra—(as-pid-is'trå).
Aspidium—(as-pid'i-um).
Asplenium—(as-plē'ni-um).
Aster—(as'ter).
Astilbe—(as-til'be).
Astilboides—(as-til-bo-ī'dēz).
Astrocaryum—(as-trō-kā'ri-um).
Atamasco—(at-a-mas'kō).
Atavism—(at'a-vism).
Atropurpurea—(at-rō-per-pūr'e-å).
Atrosanguinea—(at-rō-san-gwin'e-å).
Atrovirens—(at-rō-vī'renz).
Aucuba—(â'kū-bå).
Augustifolium—(â-gus-ti-fō'li-um).
Aurantiacum—(â-ran-ti-ā'kum).
Aureum—(â're-um).
Auricula—(â-rik'ū-lå).
Australis—(âs-trā'lis).
Autumnale—(â-tum-nā'lē).
Avena—(a-vē'nå).
Axil—(ak'sil).
Axillary—(ak'si-lā-ri).
Azalea—(a-zā'lē-å).
Azurea—(azh-ūr'e-å).

(To be continued.)

THE THOMPSON PLACE.

There are few establishments of equal size in this country where so few varieties of carnations are grown as at the J. D. Thompson Company's plant at Joliet. The policy here is to select the very best sort for each purpose and then grow it in quantity. The Belle was by all odds the best looking white on the place at the time of a recent visit, surpassing Gov. Wolcott and leaving Lady Bountiful behind, that variety being, while of good growth and a large producer, of too poor petalage early in the season to meet the competition of its companion sort, it and The Belle having both been sent out by Dorner last season. There is a house of Boston Market containing about 8,000 plants which is a beautiful sight. It certainly looks like a great money maker.

In pink but three varieties are grown, Nelson Fisher, Mrs. E. A. Nelson and Lawson, the latter to be dropped next year. In fact, it would have been discarded this season had it not been that stock was short to plant all the houses. The half-house of Lawson is in good shape but it does not stand by comparison with Nelson Fisher as grown in an adjoining house. There is but one light pink which, of course, is Enchantress. This is a variety with which every one is successful.

Estelle is the leading scarlet, eclipsing Flamingo and leaving Adonis far behind. There are benches of Flamingo planted in June and others in August, the first being plants from pots and the second plants from the field. The plants from the field are superior to a marked degree. But the interest in scarlets centers around the variety a half interest in which was purchased last season from C. W. Ward. It has been named Robert Craig. Two benches are planted with this variety, which is not to be sent out to the trade until 1906. Some of the plants are from cuttings taken from sand in January and others from each batch of cuttings all the way along to the end of the propagating season. One can tell the relative date of propagation by the growth the plants have made. All are clean and healthy and very robust, the early stock having attained a size and length of stem beyond that of any other scarlet on the place. The flower is of the first size, of fine shape and good fragrance. One of the notable characteristics of the variety is the number of flowering shoots. The plants of the early propagation had more than fifteen shoots October 10 and some as many as twenty-five, while the crop of bloom was heavy at the middle of October and promises to continue so all through the season. The only crimson variety on the place is Ward's The President, which is very fine. Mrs. M. A. Patten is the only variegated.

Most heavily planted of the new sorts is Gibson Beauty, the light pink which is to be sent out this season. It has a large flower of very good form, the center light pink but much darker than Enchantress and shaded to light in the outer petals. The stem is long and strong. This variety originated with Swan Peterson, in his modern establishment at Gibson City, Ill., and will be disseminated in January jointly by the two firms.

In a house of seedlings under trial there are several good sorts, notably a white of very good size, high center and the petals heavily fringed. This is one of the Peter Fisher seedlings which we look forward to with interest. There is also a light pink and a white sport of Enchantress which promise well.

J. E. Jensen is the grower in charge of this establishment. That he understands his business is apparent from the condition of the stock. There is no variety on the place of which it may not be said that it looks well. Propagation has already begun for next year and the young stock in the sand is rooting well. This year a coarser sand is being used than heretofore and the beneficial effect is very apparent by comparison with a batch of cuttings put in the fine sand formerly used.



Carnation Robert Craig.

AMERICAN CARNATION SOCIETY.

The meeting of this society will be January 25 and 26 instead of January 28 and 29 as given in the premium list and the trade papers, the latter date coming on a Saturday and Sunday.

The secretary must have looked at an old calendar when he gave the dates as January 28 and 29, as the meeting is called for the last Wednesday in January, at Chicago, Ill.

ALBERT M. HERR, Sec'y.

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FARQUHAR IN EUROPE.

John K. M. L. Farquhar was the speaker of the evening before the Gardeners' and Florists' Club of Boston, October 18. He told of his trip to Europe and referred, in his opening remarks, to the fine reception given to their new lily in England and on the continent, he having taken blooms with him which carried well. From what Harry Veitch and one or two other experts told him, the original Lilium Philippinense, discovered in 1873, had some pink coloring in the flowers and grew six feet tall, while theirs is pure white and much smaller. The speaker gave a very interesting account of some of the leading Dutch bulb farms and their enormous spread. The frugal Dutch, he considered, are coining money out of the business. They are persistently raising prices without just cause. One grower told him that he had cleaned $2,000 per acre from Von Sion narcissus. The increased demand from America was in some measure responsible for this. Americans are now buying better quality bulbs, but the growers said they have no American call for the newer and choicer varieties, as they want cheaper goods.

The number of desirable novelties was not great. A new cornflower-colored Spanish iris and Tritomas excelsa, Ideal and Lemon Queen were very desirable. The nurseries of Messrs. Tubergen & De Graaf were visited and commented on. At Boskoop he noticed that the nurseries were depleted of good stock, that seen being mostly small. Some of the largest and best nurseries have no catalogues, while some of the agents canvassing America with handsome catalogues represent firms without any nursery.

At Ghent, in Belgium, the nurseries where azaleas, dracænas, palms and other stock is grown were referred to. The Brussels Botanic Gardens were very interesting, their method of labeling plants being unique and excellent.

France seemed to be, if anything, the most prosperous country visited. Lemoine's nurseries contained some fine new begonias and deutzias, but no begonia was equal to Gloire de Lorraine. Some fine bedding was seen in the park at Nancy. A great change in style was noted, the natural taking the place of the mosaic. One especially attractive bed was of standard roses with gladioli planted below them, edged with geraniums. A tendency to resort to ribbon bordering was noticed, but usually masses relieved by a few taller plants were used.

Some fine bedding was noted in Hyde park, London. A bed of Musa ensete with Grevillea robusta below and edged with Funkia subcordata variegata was effective. Clumps of sweet peas rising out of violas were used in front of shrubberies to good purpose. A bed of Fuchsia Mrs. Marshall and White Paris daisy and another of golden privet and bronze geraniums, the latter edged with Saxifraga moschata, were good.

At Hampton Court palace the fine avenues of yews were mentioned. The famous grape vine was carrying larger bunches and finer berries than when last seen. Few succulents are now used in the bedding there. One bed containing tuberous begonias, dotted with white swainsona and edged with sweet alyssum looked well. A mixture of Lobelia cardinalis and Abutilon Boule de Neige was pleasing. Chrysanthemum latifolium with blooms six inches across and growing three to five feet high was grand. Calceolaria Burbidgei growing six to seven feet high, with yellow flowers double the size of the ordinary rugosa type, was very effective. The flowers are colored like a Montressor tulip and the plant can be had in bloom for Christmas in pots. Grafted plants of Liberty rose were very fine outdoors.

There is a tendency in Great Britain to grow fewer collections of stove and greenhouse plants and larger quantities of certain attractive kinds. Orchids are still in big demand. The new hall of the Royal Horticultural Society was visited on the occasion of a big fruit show. The hall was pronounced an ideal one in all respects. The quality of fruit shown, due in large measure to a fine summer, was very high, the apples being equal to the very finest the speaker had ever seen in America.



The New Light Pink Rose, Wellesley.
(A Seedling Raised at Waban Rose Conservatories, Natick, Mass.)

PEORIA, ILL.—Earl W. Metz, manager of J. C. Murray's retail store, took a force of decorators to Wyoming last week and put up the most elaborate wedding decorations ever seen in that section.

HORTICULTURAL SOCIETIES.

[A paper by Robert Kift, of Philadelphia, read before the Germantown Horticultural Society, November 14, 1904.]

The love of flowers, particularly when they are the result of one's own care and culture, is soon broadened into a desire that others shall also share in your good fortune. Friends are called in to admire and perhaps carry away a few choice blossoms which shed their beauty and fragrance elsewhere, finding new friends wherever shown. Often these flower lovers get together to compare each other's products and finally at the proper seasons they bring their best and place them in competition, so that all may be seen and merit be suitably rewarded. These pioneer gatherings formed the nucleus of the horticultural societies of today. In later years these amateur bodies have been materially helped by trade organizations, the members of which being engaged in the cultivation of flowers for a livelihood had gotten together for their mutual benefit, and who found in the horticultural society an important ally through which to reach the public. Ofttimes where there was no organized horticultural body these trade organizations took it upon themselves to hold exhibitions

and which in every case were productive of good results in the bringing of large numbers of the people together to see the newest and best things in flowers and plants, and thereby instilling a love and cultivating the taste for their products. It would be difficult to estimate the good that has resulted to horticulture from these organizations throughout the world, but judging from the delighted comments of the thousands of visitors to the various exhibitions in all the large cities of the United States the past decade, together with the newspaper publicity so generously bestowed, it must have been greatly beneficial.

While we may look with pride on what has been accomplished, yet there remains much that is possible and which could be done with but little more effort and that would still further the usefulness of our societies.

Last summer, during a visit to Colorado Springs, I visited the exhibition of the El Paso County Horticultural Society, of that city. The exhibition was held in the city square park, under three large tents, and was a very creditable display. But the feature with which I was particularly pleased was the awarding of prizes for the best kept grounds and lawns, as well as individual flower beds, vine-clad porticos, etc. Those entering for prizes notified the secretary by the first of June each year. A committee inspected the various entries during the season and had most of them photographed at their best. These photos were placed on view at the exhibition and made very interesting studies. A great deal of interest was taken in the contest by the residents and in consequence the standard of excellence was set much higher.

Before another year the society is promised a $20,000 building of its own, a gift of General Palmer, a wealthy member of the society. He is also spending a half million dollars on a park to be given to the city. Never have I seen the grass so green or the lawns more beautiful than here. All the watering is by irrigation, the water flowing along the gutters and being let into the house-yards through sluice boxes under the pavement.

If education of the public in things horticultural is our object it would seem that here is as advantageous a competition as that of plants and flowers gathered together in a building. There are classes here the same as in the staged exhibits, each particular entry being judged on its merits as compared with another in its class. Fine examples of this landscape or gardening work being on exhibition at all times, to all observers, cannot fail to be admired and have great weight in the education of the masses for more beautiful surroundings.

In the large cities where houses are built close together, there can be the competition between balcony and window decoration. How much more beautiful our city streets would look if these places of vantage were graced with boxes of blooming plants, thus adding form and color to the otherwise plain surfaces.

Last summer an effort was made by the City Parks Association of this city, to encourage this form of decoration. They selected Walnut street from Broad to Twentieth, and were instrumental in having about fifty windows so decorated in addition to the few then in use. They agreed to have them taken care of while the residents were away for the summer, at a nominal sum. The effect was beautiful until August set in, when the plants began to look badly and many of them had to be replaced. A little experience will, however, enable this form of decoration to be kept up all summer at comparatively small expense, and it is hoped to see the custom become general all over the city.

During a visit to Brussels, in Belgium, some years ago, I noticed boxes for window and balcony decoration were much in evidence. On inquiry it was found that a City Improvement Association had charge, or rather was encouraging the work by offering prizes for the best examples, in classes, so that all should have a chance. While it is true that horticulture means culture of the garden and the plants that grow therein, it seems as if educational work of this character could be legitimately taken up by horticultural societies and, with their prestige, better and more permanent results obtained.

A gentleman who occasionally visits Horticultural Hall in Fairmount park, said to me recently: "As soon as I set my foot in the door of that conservatory, I feel that for the time being all I see is mine and many a quiet hour have I spent enjoying the feast prepared for me."

It has been my thought for a long time that no municipal park can be complete without a large show conservatory, together with a lot of working or forcing houses, to keep the exhibition hall, if it might be so called, filled at all times with the very best of seasonable blooming plants.

Think of such a house filled with magnificent azaleas! What a chrysanthemum show could be given there. And the minor displays of calceolarias, cyclamen, cinerarias, begonias, primroses, poinsettias, orchids, etc., etc., that from time to time would make worthy successors.

Horticultural Hall, in Fairmount park, a legacy from the centennial, is doing a grand work, but on account of its construction and the small appropriation annually doled out for its maintenance, but little of the work I have in mind is carried out. Fifty thousand dollars per year, or perhaps considerably less, would suffice to keep such a plant, after once established, up to a high state of efficiency.

What a great gain to this community such an establishment would be; as a factor in educating the people and helping to instill in them a love for flowers it would be invaluable. Could we as horticulturists bring this about we would greatly increase our usefulness, for here would be on view at all times, the best of everything in flowers, a perpetual flower show.

I believe it possible to enlist private aid for the establishment and perhaps maintenance of such a plant. Millions of money is ofttimes bequeathed to less worthy objects. The above are a few of the subjects that come within the scope of horticultural bodies, and their achievement would but keep us in line with the rapid progress of the day.



Carnation Gibson Beauty.

DENVER.

The Chrysanthemum.

The chrysanthemum is certainly the reigning beauty at this period of the year. Every grower has them in abundance and of every possible form and character. Perhaps their short season is what makes them so popular. The public anticipates their arrival and the grower and dealer exult in their departure. It has been frequently prophesied that they are losing their prestige, but every year they put in a more forcible

appearance and maintain their right to recognition. But with all this in their favor there is probably no other flower that is grown in as great a bulk that carries such an uncertain value in the market and is liable to give such unsatisfactory results. True, the perfect flower, or one approaching that stage, is sure to bring profitable returns, but the inferior article, which is frequently in the majority, is a drug on the market.

Some of the retailers out here argue that handling half a dozen varieties of diversified color will prove far more satisfactory than handling the innumerable sorts now put on the market. But every grower has his hobby to gratify and, in opposition to public demand, persists in carrying it out. The man who is up against it every hour in the day in the store most certainly acquire a clearer perception of public taste than he who is many miles away. Many of the old varieties are still grown out here and when well done are equal to newer sorts. The finest collection, both in extent and character to be seen out here this fall, was grown at the City park greenhouses. The benches are constructed well up in the center of the house, bringing the plants close to the glass, and the space allowed between each row would be considered by the commercial man as the height of extravagance, but when taken into consideration the results attained from such treatment, there are no regrets whatever. A few of the most prominent of the old favorites were Niveus, Mrs. Robinson, Mrs. Constable, Mrs. Weeks, E. Hatch, V. Morel, Iona, Helen Bloodgood, Golden Wedding, Philadelphia and Bonnaffon. Among the newer ones which proved quite satisfactory were Mrs. Coombes, Dr. Enguehard and Wm. Duckham.

Various Notes.

The cut flower market is picking up nicely, considering the warm weather. The mercury is frequently seen in the sixties. Roses have resigned for the past two weeks in favor of the mum, but as the growers have recognized the folly of stocking the market with them during mum season, there have not been any losses in this line and those who have held them back are showing up nicely for the holidays.

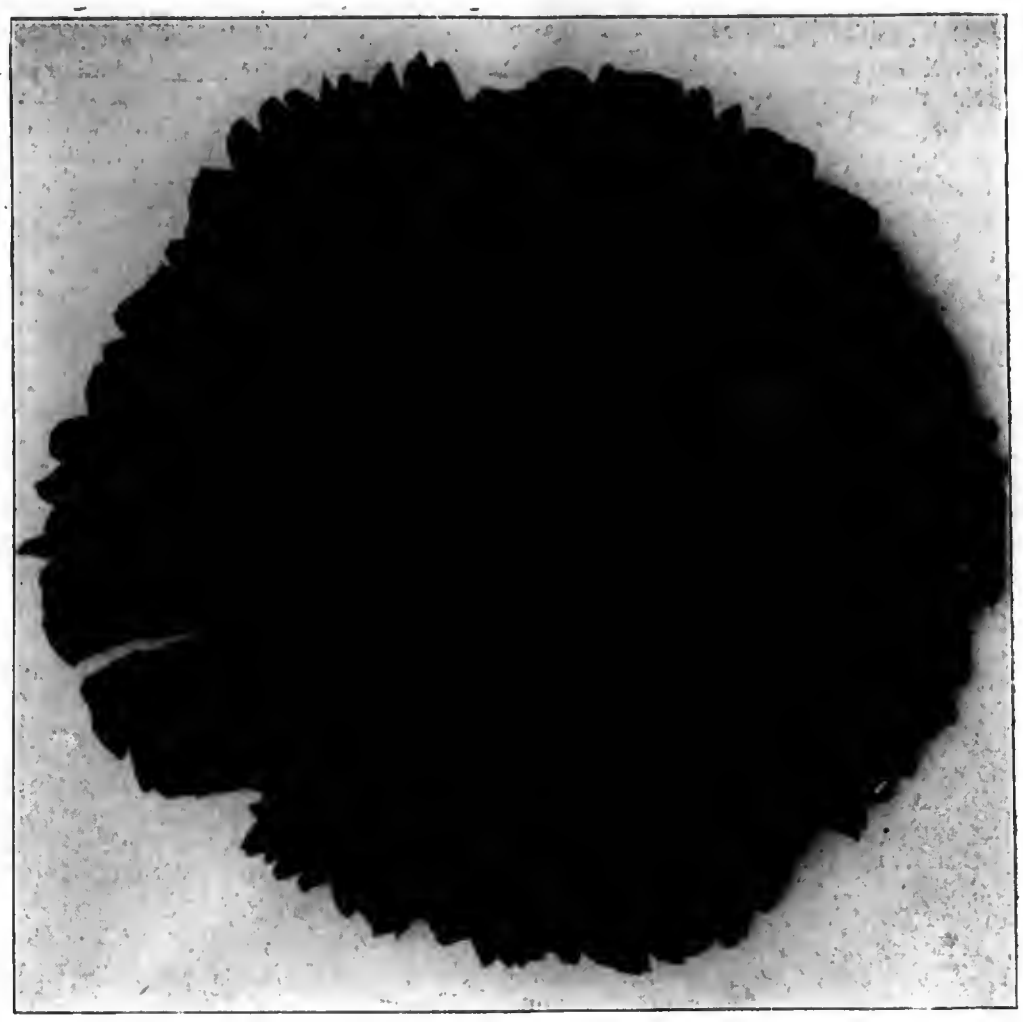
New carnation seedlings and sports are becoming quite numerous out here, mostly of Lawson pedigree. Benson has a white sport from this source which is very promising. Ben Boldt has a pink sport from the same stock, color of Enchantress and possessing the other qualities of its parent. Mr. Graham, of City park, has a striped sport. Davis Bros. have a new white seedling, large, fragrant and beautifully fringed, with fairly good stem.

Twenty members of the craft organized a bowling league recently. The leading firms in the business contributed a liberal fund for premiums and a satisfactory start was made on a better basis than any similar undertaking heretofore. GREAT DIVIDE.

BEST IN CIRCULATION.

Enclosed find check to cover bill. Had very good success; sold out everything advertised. You have the best advertising medium and all-around florists' paper in circulation; anything else I have you will do the job. GEO. MILNE.

Winchester, Mass., Sept. 29, 1904.



Carnation Robert Craig.

Vegetable Forcing.

STEM-ROT AGAIN.

I am sending you some cucumber roots and would like to know what is wrong with them, and the remedy. J. L. M.

The roots sent were pretty much dried up, but they seemed to be a good deal healthier than the stems. I think the whole trouble originates from stem-rot. I answered pretty fully a query relating to stem-rot in last week's issue, which please see. W. S. CROYDON.

GARDENING QUERIES.

What causes celery to get pithy, or "hollow," as it is often called? What causes outdoor cucumbers to decay while on the vines? Some have rusty spots all over them, as if stung, and they curl up and do not grow straight. What is the best head lettuce to grow for summer? L. H. W.

The trouble you mention with celery is brought on through various causes. Often it can be attributed to the seed, which has carelessly been selected from pithy stock. Celery sown indoors and afterwards transferred to the open ground will often become pithy through softness of growth previous to planting out, and too much manure will often cause pithy growth. If good seed is procured, sown and grown entirely outdoors and the plant set in a moderately enriched soil, there should be no trouble with pithy celery.

Your cucumbers are probably attacked by the cucumber beetle. Keep the plants dusted with air-slaked lime, especially in the earlier stages of growth, taking care that the under as well as the upper side of the leaves is covered.

The best standing summer head lettuce I have ever tried is Deacon.

W. S. CROYDON.

STRENGTH OF ACID.

We notice in the REVIEW of November 10 an article on keeping insects down, by W. S. Croydon. As we have trouble with white fly on cucumbers we would like to try hydrocyanic acid gas. Mr. Croydon does not state what per cent pure sulphuric acid he used. As it is sold from forty per cent to ninety-eight per cent pure, we fear that we may get too strong a dose. D. B.

The acid I use is what is known as the commercial grade. This is claimed to be ninety-six per cent pure acid, four per cent water. There is a refined grade sold only for medicinal use, but this is much more expensive and is no better for the purpose in hand than the commercial article. W. S. CROYDON.

CUCUMBERS.

I find, in the training of cucumber plants, that it is a good plan to have two leaders, in place of running them on the single-stem system. When the plants are about eight inches high I pinch out the points, which causes them to break. Several shoots are usually produced. Of these I select the two strongest and train them horizontally at first, until they are long enough to reach the upright wires placed eighteen inches apart, the plants of course being set midway between the two wires. The taking of two stems induces fruiting at an earlier stage than if the single-stem system is followed, besides preventing rankness of growth. The lateral or side shoots are what must be depended on to produce pistillate flowers on which alone

the fruit can be set. These lateral shoots, where the double-stem system is employed, will be produced from the point where the stems take the upward turn, thus leaving no blank spaces at the bottom of the trellis, as is often the case when the plants are grown to a single stem only.

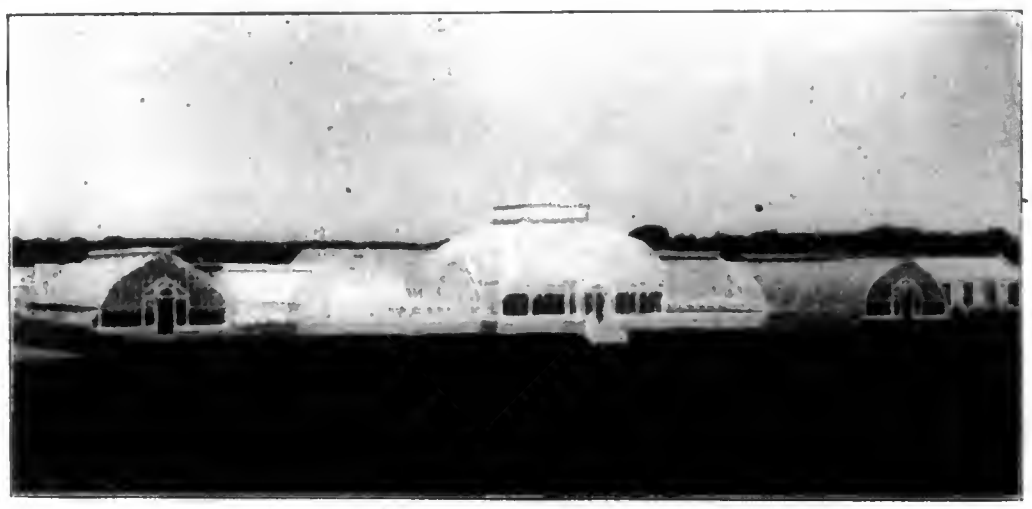
The checking of rank growth is of considerable advantage in inducing freer setting of the fruit. According as the lateral shoots appear, they should be trained horizontally to the wires, and when they have attained sufficient length to cover the space allotted to them the points should be pinched out to prevent them running through one another. A mistake is often made in letting too much growth remain on the plants. If this is not guarded against the shoots will crowd one another, preventing the free passage of light and air. Such conditions are only productive of poor fruit and a fruitful cause of mildew and other fungous diseases, besides giving a lodging place to red spider and other injurious insects, the denseness of the foliage making it hard to reach them with the syringe.

The trellis should be constructed of good, strong wires, which should run both up and down and lengthways of the house, forming a network with meshes not larger than six or eight inches. This makes tying much more convenient than if the wires are wider apart. The trellis should run parallel with the glass and far enough away from it so that the foliage will not come in contact with the glass, where it would, during severe weather, be sure of getting hurt by frost.

W. S. Croydon.

THE PLANT ESTATE.

The garden committee of the Massachusetts Horticultural Society went to New London, Conn., October 28, being met on arrival by Thomas W. Head, superintendent of the M. F. Plant estate. A pleasant ride of a few miles down the Thames river was much enjoyed, ending at the private pier on the estate. After lunch with Mr. Head the committee made



Greenhouses at the M. F. Plant Estate, Groton, Conn.

a tour of the extensive greenhouses and grounds. Work has only been in progress a little over two years on this new place but an immense amount of improvements have been completed in that time. The pleasure grounds when laid out will cover forty acres. In addition a large farm is attached to the estate.

The greatest amount of interest naturally centered in the greenhouses, the last of which have just been completed by the Lord & Burnham Co. Two divisions were filled with single-stemmed chrysanthemums which included all the newest and most up-to-date sorts. The flowers were all of high class quality. William Duckham was superb. Adele, an incurved pink, was much admired. Ben Wells, A. J. Balfour, Mrs. T. W. Pockett, Miss Mildred Ware, Mrs. Weeks, Col. Appleton, F. S. Vallis, C. J. Salter, Leila Filkins and W. R. Church were the extra fine sorts. Two curvilinear span houses, wings from the palm houses, are used as show houses and nicely arranged with chrysanthemums, begonias, marguerites, Cattleya labiata, Oncidium varicosum Rogersii, heliotropes and other flowering stuff mixed with foliage plants.

In the rose house varieties grown are Bride, Bridesmaid, Golden Gate, Beauty, Perle and the new General MacArthur. In the carnation house, where the plants had been grown inside all summer, Enchantress stood head and shoulders over all others. Estelle as a scarlet was first-class and is well liked. Other sorts included Lawson, Maceo, Roosevelt, Mrs. M. A. Patten, Nelson Fisher, The Bride Lillian Pond and other fine sorts.

Two divisions are planted with grapes, principally Muscats and Black Hamburgh, and two others to peaches and nectarines.

A large force of men are still employed here, grading, planting and doing other necessary work, and the estate when finished, will be one of the best in New England. A word might fittingly be said of the fine granite house occupied by Mr. Head, costing $35,000. Like everything else on the place, it shows that there has been no stint of money in any department and that Commodore Plant feels a keen interest in his employes' welfare, which is being increasedly shown on other estates.

W. N. Craig.

ST. LOUIS.

The Market.

The leading retail men all say that there was nothing the matter with the cut flower trade for Thanksgiving. Everybody was busy working late Wednesday night to fill orders for early morning delivery. The general report was that they found Thanksgiving trade as good as ever, if not a little better, and prices about the same as last year.

The wholesalers report a big shipping trade and are well satisfied with the amount of business done. The supply of first-class stock in roses was light. The quality of the bulk of the stock was hardly up to the average. American Beauties were, and are still, very scarce, that is, the fancy grades. These brought as high as $10 per dozen at the retail stores. The market, though, is well supplied with the shorter grades, which are selling well. Brides and Maids also sold well and so did Meteor, Liberty, Ivory, Gate and Carnot. The fancy grades in those had a big demand and not enough to go around. The demand was heaviest for red and pink.

The carnation supply was about equal to the demand. A few small lots were left over, as the quality was very poor. The price on the prime stock was high and the store men were compelled to charge 75 cents and $1 per dozen and the demand was heavy.

Good chrysanthemums were quite plentiful in all except first-class stock, which sold at stiff prices. Romans and Paper Whites were plentiful and sold at regular market rates. Lily of the valley had an active demand, stock first-class. Good long stevia is in the market. Violets never sold better than this Thanksgiving. The supply was short and as usual the growers were off crop just when the trade can use thousands at big prices.

Fine blooming plants moved well. The growers who supply the trade here report that they are well supplied with first-class stock for holiday trade. Beyer, Schray, Sanders, Felter, Windler and others say they expect a big trade for this stock up to Christmas.

Various Notes.

There will be a hot time at the meeting of the Florists' Club next Thursday afternoon. In my notes in the last issue the date mentioned, December 10, should be December 8. The clubroom in the Odd Fellows' building, where the meetings are held, will not be able to hold the crowd. Some of our silver-tongued orators are already toned up to a high pitch. The members should not fail to respond to President Juengel's notice and attend. Early, 2 p. m., is the time. A full account of this meeting will appear in the issue of December 15. The trustees are also expected to have the essays ready for assignment at this meeting. This will be the last meeting of the club this year.

The Ellison Floral Co. furnished the decorations for the dinner to the Japanese prince, which were elaborate. The prince made Mrs. Ellison a very handsome present as a memento. This firm has had a number of large dinners of late, which were given in honor of foreign celebrities by the World's Fair officials. Arthur Ellison also reports a big trade for Thanksgiving.

Ostertag Bros. are making extensive preparations for three large weddings this week. Henry Ostertag reports they have enough plants now to furnish a dozen weddings a day.

Fred Meinhardt and Otto Koenig will no doubt give the club members at the next meeting the benefit of their experience with a World's Fair flower show.

Robert Beyer reports a good sale on azaleas, poinsettias and decorative stock, of which he has a big stock for the holidays.

A. C. Greiner, who won the $25 special prize for his display of cacti at the World's Fair flower show, reports a good sale for his stock to foreign visitors. Mr. Greiner's place on Natural Bridge road is worth a visit.

The Michel Plant & Bulb Co. has a fine supply of holiday stock of plants, especially Boston and Piersoni ferns.

The large show houses of Waldbart, Weber, Miller and others are well filled with choice stock in plants of all kinds.

J. J. B.

CHICAGO.

The Market.

The Thanksgiving trade left the stock all cut down closely and naturally receipts were light at the end of last week; in fact there was more stock in market on Wednesday, the day before Thanksgiving, in proportion to the demand, and prices were consequently weaker than at any time since. The usual increase in cuts which comes a few days after a holiday has not been manifest this week, probably because of the cold, dark weather, which has retarded development. There are fair supplies of Beauties of excellent quality but Thanksgiving prices still hold. Tea roses are equal to requirements but the best grade of stock has not gone below the holiday rates and is in good demand; low grades are weaker. Carnations are the scarcest item on the list; in fact, for almost the first time this season receipts are under the demand and supplies cleaned up early each day. Stock of quality to stand a journey is worth more this week than it was last. There are plenty of fine single violets but not many good doubles; the Hudson river growers seem to be finding a satisfactory market nearer home just now. Chrysanthemums are nearly gone, only a few late sorts being seen and these of indifferent quality. Stevia is coming in heavily and selling at all sorts of prices. A little mignonette is offered. The plentiful item is Paper White narcissus. There is enough valley and "green goods" are abundant.

The growers report that there is plenty of stuff on the plants and that a few days of warm bright weather will bring abundant supplies again. At present it is 10 degrees below normal.

Shipping trade is good and city business fair and a good market for some time is looked forward to. Thanksgiving business is generally reported as ahead of last year.

Various Notes.

Henry Payne, the "green goods" grower at Hinsdale, has the sympathy of all in the loss of his eldest daughter, Delia, a bright young lady 20 years of age.

The retailers are busy making up stock for Christmas. C. W. McKellar says the sale for cape flowers is very good but that immortelle wreaths can now be bought cheaper than the retailers can make them up.

Only a little holly has so far reached this market and early in the week it was hard to find. Such as has come in was of fair quality.

Kennicott Bros. Co. report a big business on red berries and are booking many orders for Christmas delivery.

Percy Jones says he expects to have mums right along up to Christmas. He is still getting in 1,000 to 1,200 a day.

Ed Winterson says that he is so busy these days that he is in no danger of getting into mischief. The supply department is rushed, cut flowers are moving lively and they are doing quite a business in plants, such as Bostons and rubbers. They handle considerable wild smilax but are going light on bouquet green and



Residence of the Head Gardener, M. F. Plant Estate, Groton, Conn.

holly, so Mr. Degnan says. Last year they were right in line on green but the market has been so unsettled the past year or two that it has become a good deal of a gamble. E. H. Hunt's is another house that is willing the other fellow should make whatever money is to be made in green. Capt. H. Schuenemann has arrived at the Clark street bridge with his schooner of green and Christmas trees.

At Poehlmann Bros. Co.'s they have the wall decorated with their blue ribbons. It makes quite an imposing array.

Will Graff was up from Columbus one day this week. He reports good business there.

Weiland & Risch are cutting some very fine Brides and Maids and find them exceptionally good property just now.

Peter Reinberg and John Muno are at Duquoin, Ill., after quail.

C. W. Reimers, of Louisville, Ky., is in town with samples of poinsettias for Christmas delivery.

The stock in the conservatories of Wm. H. Chadwick was sold at auction November 28 by the trustee in bankruptcy. Most of it went to private parties at low prices.

BOSTON.

The Market.

The general verdict appears to be that, taking everything into consideration, this year's Thanksgiving business surpassed that of all preceding years. An enormous quantity of flowers came into the market but practically everything was cleaned out. At the Park street market John Walsh, the genial manager, reported business to have been the best since the market started. Wholesalers and retailers all appear to be well satisfied with the amount of business transacted. The weather on November 23 was clear and fine and, while it was gloomy on the holiday itself, rain fortunately held off.

While prices ruled somewhat firmer, there were no sharp advances in any of the staples. First-class Brides and Bridesmaids brought $6 to $12, extra select Bridesmaids going as high as $16. Some of the poorer grades sold as low as $1. American Beauties were in rather shorter supply. The best grades of these do not come to the markets, being sold directly to the stores. About $40 per hundred seemed to be the top price on these. The best grade of Liberty brought $25, good stock selling at $10 to $15. In carnations all good stock brought $4, Enchantress and Lawson seeming to be in best demand. Nothing possessing any merit went below $3. The quality of carnations was never excelled at Thanksgiving.

Chrysanthemums of good quality brought $12 to $16, a few select going at $3 per dozen. Small flowers, not good enough to sell at all before the holiday, cleared out at $4 per hundred. White chrysanthemums were scarce, White Bonnaffon being the only one seen in quantity. Violets were in first-class demand, the general price being $1 per hundred. In the way of other flowers there were good supplies of Paper White narcissi, heliotrope, mignonette, stevia, Cypripedium insigne and a variety of other stock. Pot plant trade was very good, cyclamens, poinsettias, Begonia Gloire de Lorraine, berried solanums, Azalea Indica, Otaheite oranges, Boston and Piersoni ferns being in best demand.

Prices since Thanksgiving have ruled firm. Carnations bring $3 to $4 for select stock. Beauty and Liberty roses are higher than a week ago, but good Brides and Bridesmaids can still be had for $6 to $8 per hundred. Violets still bring $1 and will probably maintain that price until after Christmas. William Spillsbury and William Sim each send as many as 12,000 singles a day, making several shipments each day.

Various Notes.

An effective table decoration the past week at a dinner for a newly made bride consisted of a combination of American Beauty roses and Gros Colmar grapes. The roses had very long stems bent in the form of an arch and from them hung the grapes, tied with white ribbon. It was quite a fetching combination.

Zinn, the Beacon street florist, had something of a novelty for the Thanksgiving trade in the form of well-flowered 6-inch pots of Spiræa Japonica.

The annual exhibition of children's herbariums at Horticultural Hall on November 25 and 26 brought a display of over 2,000 mounted specimens. Gratuities were awarded to all the collections, which were eagerly scanned by many visitors and reflected very great credit on the young folks displaying them.

The Boston Co-operative Flower Grow-

ers' Association will hold its annual carnation exhibition at Horticultural Hall on February 11, in conjunction with the winter exhibition of the Massachusetts Horticultural Society. A fine exhibition is assured.

The Massachusetts Horticultural Society will hold prize exhibitions during 1905 as follows: February 11, March 23 to 26 (spring exhibition and meeting of American Rose Society), May 6, June 3 and 4 (rhododendron show), June 10 (peony show), June 24 and 25 (rose and strawberry show), July 8 and 9, July 22, August 5, 12, 19 and 26, September 14 to 17 (annual plant, fruit and vegetable show), November 9, 10, 11 and 12 (chrysanthemum show).

H. A. Stevens Co., of Dedham, have a beautiful pink sport from Mrs. Lawson carnation very like Enchantress. It should prove very popular, as the color holds well.

Nice lots of Cypripedium insigne are coming in from Thomas Roland, Nahant, Charles Evans Co., Watertown, and John McFarland, North Easton. It is doubtful if any orchid pays better than this old-time favorite, even today. It is easy of culture, increases rapidly in size and value and the flowers are all right a month or two hence if not needed now.

Poinsettias are being more largely used in the stores than for some years. Hoffmann, on Massachusetts avenue, had a very fetching window arrangement of white chrysanthemums and poinsettias for Thanksgiving.

Prospects are good for a considerable addition to the special prizes to be offered in connection with the meeting of the American Rose Society in Boston in March, 1905. These it is hoped may tempt our western, Canadian and Pennsylvanian growers to bring their best along to the Hub.

The Minot-Channing wedding at King's Chapel on November 22 was one of the leading society events of the month in Boston. Doyle used white chrysanthemums, smilax and palms exclusively at the church, while at the bride's home green and white was the color scheme, except in the reception room, where Bridesmaid roses were largely used.

N. S. Wax & Co.'s store on Winter street, near Tremont, is always very attractive. Some extra fine Maud Dean and Wanamaker chrysanthemums were noted there the past week.

A store which continues to improve very much is that of Rogers, on Summer street, whose place of business is near the South Terminal station. In addition to his usual line, quite a number of orchids have recently been displayed.

The Wellesley rose continues to be in wonderful demand in Boston at all stores where it is handled. At John Walsh's Malden store, a good number are also disposed of. This new rose will be introduced by Mr. Montgomery in the spring of 1905, and large orders are already being booked for it.

James Rough, manager of the new market, reports business as being excellent the past week, with practically everything cleaned out.

Our first genuinely cold snap of the season arrived on November 27, temperature falling to zero in some nearby locations. A light fall of snow gave the country a rather wintery aspect. This cold weather is naturally affecting the output of flowers and prices are likely to have a hardening tendency.

W. N. Craig.

NEW YORK.

The Market.

Thanksgiving was about up to general expectations. The inevitable slump in values came on the afternoon of Wednesday. It was the same old story, oversupply when the day dawned and undersupply for days preceding the holiday, when the normal shipments and perfect stock would have brought excellent prices and left the holiday able to digest and distribute the natural supply. All the lessons and experience of generations cannot teach the growers the common sense system and complete daily shipments. They leave no basis for an intelligent calculation. The market is always an enigma before a holiday. For days the market was hungry for supplies. When they arrived it was too late.

Every kind of stock felt the condition. Violets that were worth $1.50 dropped to $1 and 75 cents and even 50 cents before the purging process was complete. The highest prices touched were $6 per dozen for Beauties and $15 per hundred for Brides and Maids. These rates did not hold and only the top grade went at these figures.

Carnations were very abundant and the regular varieties were disposed of beneath their actual value. Some novelties touched 10 cents. The effect of the depreciation remained during the balance of the week and this week opens with little improvement. Retailers, however, announce a growing interest and the closeness of Christmas has a manifest effect on the hopes and ambitions of all the prominent establishments on Broadway and Fifth avenue.

Already the buying of Christmas goods is in full blast. Orders are being placed with the growers and all the indications point to an exceptional holiday season. The men who make the retail flower business of New York have been making money. One prominent retailer announced today his belief that this season would aggregate double the holiday business of 1903.

Various Notes.

James Hammond disposed of his usual Thanksgiving specialty, orange trees, as rapidly as his grower could deliver them and has arranged for a large Christmas supply.

Charles Millang has been receiving some fine bulbous stock from Snyder, of Ridgewood. He has handled an enormous quantity of mums this year, his Chadwicks being extra good.

John Harrison's White House carnation, which he controls, grows in popularity. He handles the violets of D. Marquardt, of Rhinebeck, among the best that reach the New York market.

John J. Perkins, as usual, is handling large quantities of extra fine cypripediums.

James Hart, Jr., is in charge of the wholesale business of the veteran, at 117 W. Thirtieth street and is rapidly building an excellent trade, the establishment of this house dating back to 1871.

Some grand Enguehard, yellow and white Chadwick, Maud Dean, Gold Mine, Jones and Nagoya chrysanthemums were seen daily last week at Guttman's. Victory, the new red carnation, sold for 10 cents at Thanksgiving.

Frank Frank, of Third avenue and Eighty-eighth street, is recovering from a severe illness.

Wm. Mortimer, of Bloomingdale's floral department, has the sympathy of the trade in the loss of his father.

Peter Downing is again with M. A. Bowe. He has twenty-eight years' experience in New York in the decorative departments of leading retailers.

President Philip Breitmeyer on his way to Philadelphia, spent several days with his New York friends last week and enjoyed the hospitality of Messrs. Traendly, Nugent, Sheridan, Young and Raynor. Mr. Breitmeyer was accompanied by his Detroit architect and will shortly build an office building that will contain the finest flower store in America.

Arthur Boddington has received a great stock of hardy roses of all the best varieties and has just installed his new oak seed cases and made his big store as convenient as the best.

S. Geller's windows are made especially attractive by Christmas bells and well stocked ferneries of unique designs in preparation for the holiday trade.

It was interesting the day before Thanksgiving to note the assortment of carnations on exhibition. The list may prove of interest. There were Gaiety, Joost, Lawson, Goodenough, White Cloud, Scott, Bellmore, Mrs. McKay, Melba, Prosperity, Enchantress, Harry Fenn, Genevieve Lord, Pink McGowan, Dark Scott, Gov. Bliss, Crane, Roosevelt, Maceo, Hill, Bradt, Estelle, McGowan, Queen Louise, Dorothy, Cervera, Goethe, Oakfield and Floriana. Still they come. Next year almost as many new varieties will be bidding for public favor.

John H. Foley, with N. Lecakes & Co., is handling an average of 1,500 strings of smilax weekly from Chapin Bros., of Pine Brook, N. Y.

Handsome baskets of begonias from C. W. Ward's were much in demand at John Young's before Thanksgiving.

Walter Sheridan had an immense supply of grand Beauties for the holiday, as usual.

The Schultz brothers, of Madison, N. J., were in the city Thanksgiving eve, making fraternal calls upon their agents.

President Traendly is very anxious to make the last club meeting of the year, Monday evening, December 12, the best of the season, both in attendance and exhibits. All florists' supply houses are cordially invited to take part in the exhibition. The new officers will be elected and Mr. Nugent and his lieutenants have something special in the commissariat line.

The auction rooms have added holly trees in berry and leaf to their stock of seasonable goods. Sales of late have been very satisfactory, hardy roses especially bringing good prices.

David Clarke's Sons report eight wedding and church decorations in the two days preceding Thanksgiving. They say it was the best cash Thanksgiving in their career and claim the pulse of the people presages a brilliant Christmas.

Messrs. Siebrecht, Miller, Butterfield, Guttman, Barron, Pepper and Shaw on Monday visited the establishment of Chas. Weber, at Lynbrook, L. I., especially to see Victory growing. They were not disappointed. It is a flower of remarkable brilliance and strength, a wonderful bloomer and bound to become universally popular. The report of the committee will express clearly its many good qualities and will be heard at the next meeting of the Florists' Club. Mr. Weber has 20,000 square feet of glass entirely devoted to carnations, including Lawson, Enchantress, Prosperity, Harry Fenn, Lord and Goethe. Victory will be disseminated in 1906 and 25,000 stock plants will be in

BEAUTIES !

We are getting a fair cut of stock which it is hard to equal for quality in this or any other market. Plenty of "green goods" at all times.

BEST WILD SMILAX ALWAYS ON HAND.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones { 1978 and 1977 Central. 7846 Automatic.

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$5.00 to $6.00
24-inch stem	4.00
20-inch stem	3.00
16-inch stem	2.00
12-inch stem	1.50
Short stem	1.00
	Per 100
Brides and Maids	$4.00 to $8.00
Meteors and Gates	4.00 to 8.00
Liberty	4.00 to 10.00
Carnations, select, all colors	2.00 to 3.00
" large and fancy	4.00 to 6.00
Violets	.75 to 1.50
Valley	2.00 to 4.00
Callas, per doz., $1.50	
Paper Whites, Romans	3.00
Asparagus, per string, 35 to 50c.	
Asparagus Sprengeri	2.00 to 3.00
Ferns, per 1000, $1.50	.20
Galax, per 1000, $1.25	.15
Leucothoe	.75
Adiantum	1.00
Adiantum Croweanum	1.50
Smilax, per doz., $1.50	10.00
Wild Smilax, 25 lb. cases	3.00
" " 35 lb. cases	4.00
" " 50 lb. cases	5.00

Subject to change without notice.

Mention The Review when you write.

evidence by the first of next October. Jos. Sakowich, of New Hyde Park, the discoverer of this fine carnation, was one of the guests partaking of Mrs. Weber's hospitality.

Next season's auction business will be a strenuous one. In addition to the veterans, J. W. Bebus, son of one of New York's oldest florists, and manager of Elliott's auction department for some time, will make his bid for public confidence.

In transcribing the New York notes last week the printer in the reference to violets made me mention only the Twenty-ninth and Thirtieth street experts of New York City. It goes without saying that the omission of Twenty-eighth street was a typographical error, as every wholesaler on Twenty-eighth street handles many thousands of violets daily.

Bowling.

The Bowling Club met as usual on Monday evening. The scores up to 11 p. m. follow:

Ford	122	144	166
Traendly	121	120	123
Manda	154	156	128
Kessler	154	143	132
Shaw	111	112	100
Burns	132	106	
Holt	125	118	
Fenrich	127	175	
Guttman	145	142	
Butterfield	125	111	
Pepper	64	77	
Hart	79		

J. AUSTIN SHAW.

PHILADELPHIA.

The Market.

The volume of business during Thanksgiving week was very large. The football games on Thursday and on Saturday brought many visitors to the city, creating a heavy demand in addition to the regular Thanksgiving business. The supply of flowers was enormous. Prices advanced but slightly, averaging lower than last season, on roses especially. Chrysanthemums were used in immense quantities, yellow being most popular on Saturday. S. S. Pennock sold nearly 5,000 Bonnaffons alone. All but the rear guard of the queen of autumn have now disappeared. Violets were really scarce on the two days above named. Liberties sold particularly well for Penn's last game, all the grades advancing a step. Other flowers went well, especially the limited quantities of bouvardia and mignonette, the exception being the poorer grades of tea roses and Paper White narcissi. The shipping trade was excellent, the Leo Niessen Company sending four large wagon loads of flowers by one express train alone. Summing up, it may be said the retailers were especially favored by the business conditions.

Business is quieter this week. Prices have not advanced despite the wintry weather. There is considerable entertaining going on, with stock sufficient to meet all demands. Fancy chrysanthemums are in fair supply. W. S. Allen, Mrs. Chadwick and Dorothy Faust are conspicuous. The medium and poorer grades are diminishing. Poinsettias have made their appearance, H. H. Battles sending some fine blooms from his Thornhedge greenhouses to S. S. Pennock and to the Flower Market. Stevia serrata is becoming more plentiful.

Hillside.

The development in the commercial growing of hybrid tea roses is progressing steadily. It is very interesting to note the work being done by A. Farenwald, and to compare that work with the work of five, of two and of one year ago. Liberties now fill nearly all the place, there being two houses and one bed over of Beauties. The Liberty is now flowered pretty much all the year around and is grown for four years successively under glass. Grafted plants have been tried, but so far do not seem equal to those grown on their own roots.

The fall crop on the two, three and four-year-old plants has been very heavy. They are, however, in excellent shape, likely to do well through the winter. There are two houses of young plants on benches. They are just being allowed to bloom and will probably produce more flowers than the older plants during the next two months.

The Beauties have also been allowed to remain undisturbed in the solid beds, some for two and a few for three years. They produced extraordinarily heavy summer crops, were rested a little and started up again. I was much impressed with this way of handling Liberties, but had some doubts about its ultimate success with Beauties.

Mr. Farenwald said that some florists think that his paper on Liberties published in the REVIEW of March 24 did not tell all he knew. This is an injustice to Mr. Farenwald. Many growers have endorsed Mr. Burton's statement that this was the best and most complete paper on rose growing under glass he had ever heard.

The Game Has Begun.

"Is that John Doe"

"Yes."

"This is Richard Roe. Say, Jack, you may send me a hundred Enchantress."

"All right, the price is 4 cents."

"Hold on. Three is what I paid you Saturday."

"I know, Dick, but they are 4 today."

"Well I don't need them. They are only for stock, Jack."

"They are 4 today, Dick."

"All right. I can get them from Bobby Black."

"Very well."

"Better send them at 3 Jack."

"Sorry, can't do it Dick. They are worth 4."

Various Notes.

Wm. J. Stewart was in this city recently making arrangements for his new paper, Horticulture, which will be published in Boston, the home of horticulture in this country. The first number is scheduled to appear next Saturday. Mr. Stewart has experience, excellent ideas and many warm friends, three important factors in the success of his enterprise.

Wm. J. Muth stopped a moment in a rush for the train to say that he was well pleased with the Thanksgiving business of the Philadelphia Cut Flower Co.

H. Bayersdorfer & Co. are receiving importations of Christmas supplies by several steamers this week. Immortelles, immortelle wreaths and moss wreaths for Christmas delivery are important items of these shipments. The firm reports the volume of business as ahead of last season.

Edward Reid is handling a very choice lot of Beauties.

Joseph Kift & Son obtained $9 a dozen for quite a number of Yellow Eatons on Saturday.

Fred Ehret is receiving exceptionally fine Adiantum Croweanum from Henry I. Faust, of Merion.

Eugene Bernheimer has been out of town on business most of this week.

Berger Bros. were pleased with their chrysanthemum business last week.

Paul Bender returned to this city a few days ago to take his family to Wil-

HAVE YOU TAKEN NOTE OF THE WAY THE STOCK FROM

POEHLMANN

SWEPT THE DECKS AT THE BIG FLOWER SHOWS?

AT CHICAGO:
11 Rose Entries. 11 1st Premiums.
A TOTAL OF
30 Entries and 27 Premiums.

If you want the best stock the market affords, now you know where to get it.

LET US HANDLE YOUR STANDING ORDERS THIS SEASON.

AT ST. LOUIS:
17 ENTRIES
AND
15 PREMIUMS.

POEHLMANN BROS. CO., 35-37 RANDOLPH STREET, Chicago
L. D. Phone Central 3573.

GREENHOUSES: MORTON GROVE, ILL. 600,000 FEET OF GLASS.

liamsport, where he is engaged as foreman to D. E. Gorman of that city.

It is a curious fact that A. Farenwald, of Hillside, and E. Towill, of Roslyn, are next-door neighbors.

Edwin Lonsdale is building a rockery at Girard College.

While not formally opened, J. J. Habermehl's Sons received and sold flowers at their new quarters at the Bellevue-Stratford.

Jackson Dawson's son was a visitor in this city last week.

The Henry F. Michell Co. report an excellent demand for valley, spiræa and tulips. They expect to close the bulb season with their best record to date.

Answers to Correspondents.

REVIEW readers are invited to send any questions relating to culture or marketing of plants and flowers in Philadelphia to Phil, in care of any of the leading seed or commission houses or the Flower Market. Each question will be submitted to a competent person and answered under number. Correct name and address must always accompany inquiry, but will not be published.

23.—I grow a variety of cut flowers for the Philadelphia market, chiefly roses, carnations and asparagus. Later I will have some bulbous stock. Can I do better by sending a man around to the retail stores or by sending to a commission house? I am not very far out of town.

Ans.—You will make more money by sending to a commission house.

PHIL.

LAFAYETTE, IND.

State of Trade.

The dull spell experienced during the past few weeks seems to have been broken at last and a season of business activity is noticeable on every side. Thanksgiving trade proved unusually brisk, the supply of flowers, especially carnations, which at this season of the year are by no means a scarcity, barely keeping up with the demand. Carnations scarcely matured had to be "pressed into service," the result being a clean and close cut. What is noteworthy is the fact of the increased demand for fancy carnations, a demand by no means confined to the so-called upper classes. The average buyer, as though keeping pace with the progressive grower, wants the best and is willing to pay accordingly. I have heard it expressed time and again, and by men who know whereof they speak, that the flower shows are mainly responsible for the discrimination between the good, bad and indifferent, shown by the flower buying public. Be it as it may, the fact is potent that there is ample room for good and meritorious varieties, whether roses, carnations or chrysanthemums.

A Visit to Dorners'.

A treat which I had long anticipated came to pass when I visited F. Dorner & Sons' establishment. As usual, I found the place a model of neatness, cleanliness and good order. Notwithstanding the hustle and bustle, the numerous telephone rings for "hurry up" orders, it being the day preceding Thanksgiving, things seemed to move along with clock-like regularity. To visit Dorner one necessarily has his mind as well as his eye on carnations. First of all we took a stroll through the white section, where the Lady Beautiful and The Belle can be seen in all their glory, finer, it seemed to me, than last season, when they were put on the market. Between the two, as I saw them here, it would be hard to take one's choice, both being ideal in growth as well as perfect in bloom. The Lady Bountiful, however, is Mr. Dorner's favorite. What bids fair to create a bit of furore a year or two years hence is a white seedling in its third year. The average bloom, and there were about two dozen in sight on the few plants, fully measured four inches in diameter. The calyx is perfect, the stem long and erect, the growth ideal.

Speaking of seedlings, one must go through the house especially devoted to seedlings and see thousands of them, some in the first, others in the second and third years' growth. Among the latter there are a number of scarlets that look very promising indeed, although Mr. Dorner himself is rather skeptical as to the merits of some, I may say of the most, having selected but one in that class. Its color is a brilliant scarlet, the bloom is large and well built up in the center, stem and calyx faultless. Then there are pinks galore, of various sizes, qualities and colors. Two of these attracted my special attention, for besides their size and fine growth, the colors are unlike anything I have yet seen. It may be described as something between the shade of Enchantress and Fiancee. Although they look identical to me, they represent two distinct varieties. A crimson seedling in its third year may be heard from in the no distant future. Unlike anything we have in that class, it seems to combine the fancy with the bread and butter qualities. A variegated one of the Bradt type with a stem twice the size of the latter, and a profuse bloomer, is likewise on the list of the promising ones.

And last, but by no means the least, there is the Eclipse, for distribution during the coming season. As its name implies, it bids fair to eclipse all the dark pink varieties. It is first of all a profuse bloomer, coming in early and continuing throughout the season. The bloom is fine, the color an even shade of dark pink and the stem and calyx all that could be desired.

Speaking of rooted cuttings, it is Mr. Dorner's opinion that the sooner the growers will begin to realize that early cuttings, unless shifted into larger pots as they require it, will make stunted and poor plants, the better for all concerned. "It is the height of folly," he remarked, "to clamor for December and January cuttings, and let them shift for themselves in a 2-inch or 2½-inch pot, as best they can until planting time. Such care leads to but one result, stunted plants. Those receiving cuttings in December or January should have them at least in 4-inch pots by May, else poor results will follow as a matter of course. As to myself, February and March cuttings are invariably my preference."

X.

FLOWERS BY TELEGRAPH.

Put a neat sign in your window: "Funeral or gift flowers delivered by telegraph anywhere in the United States." When you have taken an order refer to the page of "Leading Retail Florists" in the REVIEW and select a man to whom to telegraph the order. You will find it a very satisfactory source of new business.

ROSES CARNATIONS

We produce First Grade Stock in such great quantities that we Can fill shipping orders for Select Stock at any time.

AMERICAN BEAUTY—				Golden Gate	per 100,	$5.00 to	8.00
Extra long stem	per doz.,		$5.00	Perle	"	4.00 to	6.00
24-inch stem	"	$3.00 to	4.00	Ivory	"	5.00 to	8.00
20-inch stem	"	2.50 to	3.00	Liberty	"	5.00 to	10.00
15-inch stem	"		2.00	Meteor	"	5.00 to	8.00
12-inch stem	"		1.50	Roses (our selection)	"		4.00
8-inch stem	"		1.00	Carnations, ordinary	"	2.00 to	2.50
Bridesmaids	per 100,	5.00 to	8.00	Carnations, fancy	"		3.00
Bride	"	5.00 to	8.00				

All other stock at lowest market rates—No charge for packing. Prices subject to change without notice.

WIETOR BROS.

51 Wabash Avenue, ...CHICAGO.

Special Christmas OFFER:

SOUTHERN DECORATIVE EVERGREENS

WE OFFER:

1 Case No. 6 Southern Smilax,
1 Case No. 6 Holly,
1 Doz. Chamærops Palm Crowns, assorted sizes,
25 Long Needle Pines, assorted sizes, extra select.
50 Cut Sabal Palm Leaves,
50 Cut Chamærops Palm Leaves.

For $10.00. cash with order.
Half the above list will be sent for $6.00.

CURRENT PRICES.

SOUTHERN WILD SMILAX.

Packed in six different sizes.

	Weight	Covers, wall space	
No. 1,	15 lbs.,	100 square feet	$1.00
No. 2,	20 lbs.,	200 "	1.50
No. 3,	25 lbs.,	300 "	2.00
No. 4,	35 lbs.,	400 "	2.50
No. 5,	40 lbs.,	500 "	2.75
No. 6,	50 lbs.,	600 "	3.00

MAGNOLIA FOLIAGE.

Beautiful evergreen. fine for making wreaths sell well at Xmas, and for decorating. Packed in same size cases as Wild Smilax, containing from 100 to 600 sprays. Same price per case.

LONG NEEDLE PINES.

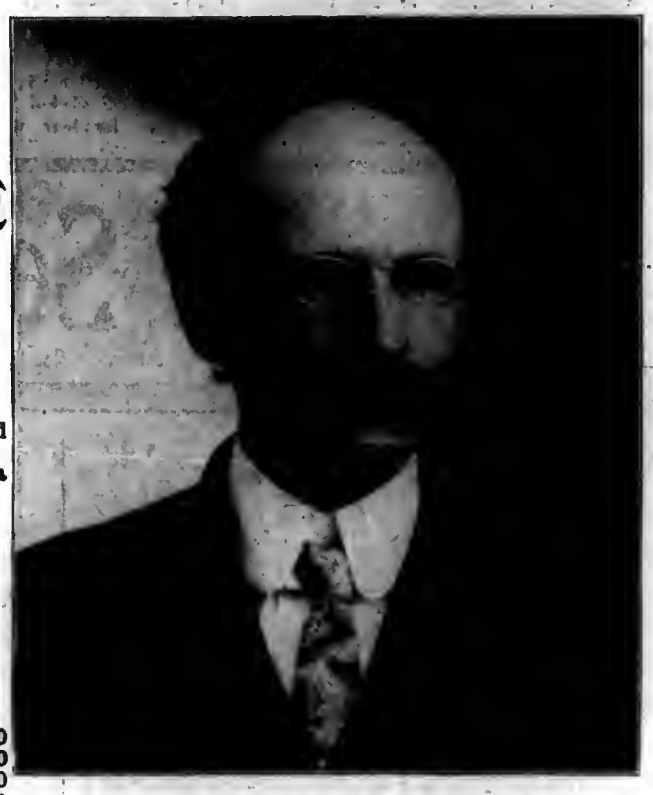
Splendid selling for church and house decorations at Christmas season. Stand lots of handling; will not wilt, fade or shop-wear easily; selected stock; ends of stems covered with tin foil. Price per doz.; assorted sizes, 3 to 5 ft., $1.50; per 100, $8.00; per 1000, $75.00.

CHAMÆROPS PALM CROWNS.

Invaluable for all kinds of decorations, and always in demand. Our stock is extra fine, and we can supply mammoth specimens up to 10 ft. high. Price per doz., assorted sizes 3 to 6 ft., $3.00; weight per dozen packed, 40 lbs. Extra large specimens, 7 to 10 feet, 50c to $1.00 each.

CHAMÆROPS PALM LEAVES.

We are cutting extra large long-stemmed leaves, the finest we have had in years. $2.50 per 100.



CALDWELL THE WOODSMAN.
The Man that gave you the Wild Smilax.

SABAL PALM LEAVES.

Ranging in size from 24 to 48 inches in width, stems 2 to 3 ft. long $2.50 per 100. Weight 40 lbs.

HOLLY.

While the crop of Delaware Holly is reported short and of very poor quality we have one of the largest crops we have had in years. And we wish to say that no finer stock can be gotten than we supply. Large or small branches, as you wish. 16 cubic foot cases solidly packed, $5.00, freight paid to your door; ½ cases $3.00.

MISTLETOE.

Mistletoe is in greater demand every year. Ours is the finest on the market.

Caldwell's Druid Brand. Quality not quantity. Price, 5 lbs., $2.00; 10 lbs., $3.00; 25 lbs., $7.00.

Galax Leaves, green or bronze, per 1000	$1.00
Fancy Ferns, per 1000	1.00
Dagger Ferns, per 1000	1.00
Leucothoe Sprays, per 1000	5.00
" " per 100	1.00

Sheet Moss, $1 per bale of 100 square feet.
Grey Moss, $2 per sack of 25 lbs.

Caldwell The Woodsman Co. (Incorporated) EVERGREEN, ALA.

Mention The Review when you write.

ASSOCIATION INTERESTS.

One of the most difficult problems confronting large organizations, designed for mutual helpfulness and progress in certain lines of work, is that of providing scope and latitude at their regular meetings, for the consideration of such special departments as may be generally included in the membership of the association. For examples take the American Park and Outdoor Art Association, recently merged with the American League for Civic Improvement, into the American Civic Association, and the Society of American Florists and Ornamental Horticulturists. In the former there was a certain unrest among the members engaged as park superintendents, due to the lack of opportunity to take up the special details of park work; and in the latter the gardener element in the membership felt that their interests had not found it possible to express themselves to their utmost to the uplifting of the particular branches of work involved. While specializing would seem to be the order of the day, yet with so vast a territory as our country covers, all national associations become more or less unwieldy; or, in other words, they fail to meet the conditions best adapted to serve all parts on time and minister to the best interests of any section as occasion may dictate. Since the summer meetings at St. Louis the American Association of Park Superintendents has been organized, and a Gardeners' Association is rapidly being developed. About the best solution so far attempted is that of the architects, whose chapters exist wherever conditions demand, subservient in a measure to the parent body, but our individual states are important enough and prosperous enough to sustain state associations which, affiliated with a national association, might promise that the best interests of all should be maintained throughout the length and breadth of our land.—Park and Cemetery.

WE ARE much pleased with the Florists' Manual, and could not get along without the FLORISTS' REVIEW. Enclosed find another dollar.—WM. RHODES & SON, Leechburg, Pa.

YOU may discontinue my advertisement of violet plants. I have sold all the stock I had, which shows that it certainly pays to advertise in your paper.—G. M. NAUMANN, Cleveland, O.

I WOULD say that many of the articles in the REVIEW are of great value to me and I would not feel that I could do without it were the subscription price thrice what it is.—A. E. KENNEDY, Algona, Ia.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

THE government seed distribution for 1905 has been begun.

THE situation on wax beans gets worse each week. Wardwells and Davis are almost failures.

J. E. KILLEN is at Felton, Del., buying holly for Wm. Rennie, Toronto, Ont. He reports well berried holly much scarcer than last year.

SCHLEGEL & FOTTLER CO., of Boston, are busy fitting up their new store, which is to be one of the best equipped retail seed stores in that city.

VISITED PHILADELPHIA. — Arthur Cowee, Berlin, N. Y.; J. M. Ward, New York; Geo. D. Stewart, representing the Livingston Seed Co., Columbus, O.

W. ATLEE BURPEE & CO., of Philadelphia, have secured an additional warehouse fronting on York avenue. It is but a few doors from their headquarters.

A UNIQUE window display is that of the Henry F. Michell Co., of Philadelphia. It shows a field of mushrooms in the space of a few feet. The effect is caused by mirrors placed at angles. It attracts much attention and is a good advertisement.

W. ATLEE BURPEE & CO. want their friends to "watch" the "seeds that grow." They send the watch with their compliments. It is a full-grown specimen, dial six inches in diameter, bearing their trade-mark, and has taken the place of our office clock.

THE market for bouquet green is quiet. The experience of the last couple of years caused most of the buyers of bulk green to place orders early and these have been covered, with moderate quantities now on hand which will probably hang on until the late orders for small lots come in. Some green is still coming out of the wood but not in large quantities.

According to a note in the Revue Horticole the number of subscribers to the fund for the Vilmorin memorial at Paris up to the present time amounts to 2138, and the total sum to 21,155 francs, about $4,200. Contributions have been received from various countries, and a very large number are of small amount, many of fifty centimes only, a circumstance which shows in what general esteem M. de Vilmorin was held.

PHILADELPHIA.

Three weeks after being elected sheriff of Camden County, New Jersey, for a term of three years, Herbert W. Johnson of the firm of Johnson & Stokes has tendered his resignation to Governor Murphy. The reason assigned by Sheriff Johnson for taking this step is his continued poor health. At the present time he and Mrs. Johnson are at Hot Springs, Va. The sheriff it is said is threatened with nervous prostration. A letter from Mrs. Johnson states that this step was taken by the sheriff by the order of his physician, who insisted that he retire from office. The physician advised that even if his health continued to improve, it would be unwise for him to assume the office.

D. Landreth Seed Company
BLOOMSDALE SEED FARM
BRISTOL, PA.
WHOLESALE ORDERS SOLICITED

LEONARD SEED CO.
WHOLESALE SEED GROWERS
ONION SETS
79 and 81 East Kinzie Street, CHICAGO
Mention The Review when you write.

BULB BARGAINS

		Per 100	Per 1000	Per Case
White Roman Hyacinths	12-15 Cms	$2 50	$23 00	2,000 $45 00
	13-15 Cms	3 00	27 50	1,600 43 20
Tulips, mixed, single or dbl.	Superfine, large bulbs		Per 100 $0.65	Per 1000 $6 00

Arthur T. Boddington, Seeds, Bulbs and Plants, 342 WEST 14TH ST. **New York**
Mention The Review when you write.

Burpee's Seeds Grow

Thorburn's Bulbs

ARECA LUTESCENS SEEDS
at $3.00 per 1000.
LILY OF THE VALLEY
PIPS AND CLUMPS.
Lilium Auratum and Speciosum 1 sorts
The great new Potato
Noroton Beauty
All who issue catalogues should not fail to include it. Descriptive circular on application.
J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.
Mention The Review when you write.

LONG ISLAND CABBAGE SEED
AMERICAN CAULIFLOWER SEED
And other Special Seed Stocks.
Francis Brill - Grower,
Hempstead, L. I., New York.
Mention The Review when you write.

Two Grand New Asters
Benthey's White
Benthey's Pink
The Seed of the Two Varieties will be ready for distribution January 1, 1905.

PRICE LIST

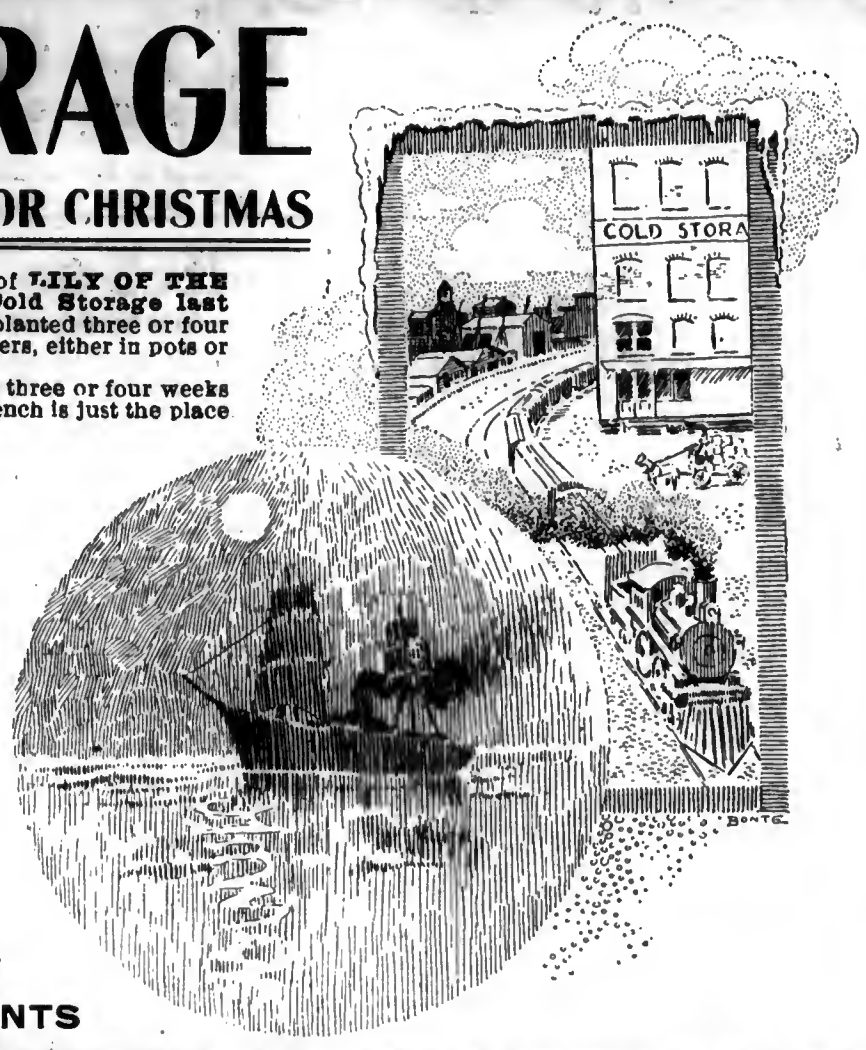
TRADE PACKAGE	$1 00
¼ OUNCE, White or Pink	2 50
½ OUNCE, " "	4 50
1 OUNCE, " "	8 00

For further information write
The Benthey-Coatsworth Co.
35 Randolph St., Chicago.

Lily of the Valley
Our Valley received 1st prize at the St. Louis World's Fair Flower Show.
ORDER NOW your Pips from cold storage for Xmas. $1.75 per 100, $15.00 per 1000, $35.00 per case of 2500.
Fancy cut Valley always on hand.
H. N. BRUNS
1409-11 W. Madison St., CHICAGO, ILL.

COLD STORAGE

LILY OF THE VALLEY—PLANT NOW FOR CHRISTMAS



We are prepared to ship on the shortest notice, the best grade of **LILY OF THE VALLEY PIPS,** in any quantity from 100 to 100,000, placed in **Cold Storage last December.** These will flower in time for the Christmas Holidays, if planted three or four weeks before, when they command novelty prices and are ready sellers, either in pots or as cut flowers.

No special treatment required. The pips will flower naturally in three or four weeks in a temperatare of 60 or 65 degrees Fahrenheit. Your propagating bench is just the place for them.

Savannah, Ga., Oct. 4, 1904.

Messrs Clucas & Boddington Co.
New York City.

Gentlemen:—Please send me by Adams express as soon as you can, one thousand (1000) Cold Storage Valley, same as last. The last were very good. You can send the balance of my order, thousand every week, until you have shipped the whole 10,000.

Yours truly,
JOHN WOLF.

Selected 3-Year-Old Pips from cold storage

Per 100, $2.00; per case (2500) $30.00; per 1000, $12.50. 250 at 1000 rate.

SPECIAL PRICES ON LARGER QUANTITIES

Importers, Exporters and Growers of

SEEDS, BULBS AND PLANTS

CLUCAS & BODDINGTON CO.

812-814 Greenwich St., N. Y. City
Cor. of Jane St. Telephone, 1063 Chelsea

PALISADE NURSERIES, SPARKHILL N. Y.

TULIPS
SINGLE EARLY

	100	1000
Artus	$1.00	$9 50
La Reine	.80	7.00
Cottage Maid	1 00	9.00
DucVon Thol, scarl't,	1.00	9.50
Yellow Prince	1.00	8.00

STUMPP & WALTER CO.

50 Barclay Street, NEW YORK
Branch Store, 404 E. 34th Street.

Mention The Review when you write.

BEGONIAS

Tuberous Rooted. Out **Gold Medal Strain; Splendid Tubers,** ready for shipment about November 25.

Single, in five separate colors $3 00 per 100; $27.50 per 1000; finest mixed, $2.75 per 100; $25.00 per 1000. **Double,** in five separate colors, $4.00 per 100. $37.50 per 1000; finest mixed, $3.75 per 100; $35 00 per 1000.

HUBERT & CO., Ltd.

N. LE PAGE, Rep. MT. VERNON, N. Y.

Mention The Review when you write.

Lily of the Valley

FORCING PIPS.

VERY FINE VARIETY. Apply to

JULIUS HANSEN,

PINNEBERG, (Germany).

Mention The Review when you write.

RAWSON'S

Arlington Tested

Seeds FOR THE FLORIST

Catalogues Mailed Free.

W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

Always mention the Florists' Review when writing advertisers.

Michell's Special Offer.

A magnificient lot of Lilies in prime condition, started now, they will flower readily for Easter, which will be late this season; April 23, 1905.

3,000 Lilium Longiflorum Multiflorum. 7 x 9, 300 bulbs to a case, $13.20 per case; $44.00 per 1000.

2,000 Lilium Longiflorum Multiflorum. 9 x 10, 200 bulbs to a case, $14 60 per case; $73.00 per 1000.

500 Lilium Longiflorum Multiflorum. 10 x 12, 170 bulbs to a case, $17 50 per case; $100.00 per 1000.

500 Lilium Harrisii. Japan grown. 9 x 11, $14 00 per 100. The true Harrisii of fine strain. Try a sample hundred; you will like them.

1,000 Selected Callas. $5.50 per 100; $50.00 per 1000. Nice round bulbs, suitable for a 6-inch pot. Very choice.

5,000 French Freesias. Mammoth size. Pure white. In fine condition. $5.00 per 1000; formerly $8.00 per 1000. A veritable bargain.

Henry F. Michell Co. 1018 Market St. Philadelphia

Mention The Review when you write.

Japanese Lilies IN SPLENDID CONDITION

	Per 100	Per 1000
Lilium Auratum, 8-9 (130 bulbs to case)	$4.75	$42.00
Lilium Auratum, 9-11 (100 bulbs to case)	7.00	67 00
Lilium Speciosum Album, 8-9 (220 bulbs to a case)	7.00	67.00
Lilium Speciosum Rubrum, 8-9 (220 bulbs to a case)	5 50	52 00
Lilium Speciosum Melpomene, 8-9 (220 bulbs to a case)	6 00	55 00

Headquarters for Cold Storage Lily of the Valley Pips

WRITE FOR PRICES

JOHNSON & STOKES, SEEDSMEN 217 and 219 Market St. PHILADELPHIA, PA.

Mention The Review when you write.

SUZUKI & IIDA, 31 BARCLAY ST., NEW YORK
FRESH CROP OF PEAR SEED
DUE IN DECEMBER, $250 per 100 LBS.
Now is the time to book your orders for JAPANESE NURSERY STOCK for Spring Delivery.
WRITE FOR CATALOGUE.
Mention The Review when you write.

CINCINNATI.

The Market.

Notwithstanding all the preparations, Thanksgiving proved to be but a good ordinary day's business. There was nothing extra about the demand. Prices advanced but a trifle and that only on certain classes of stock that happened to be scarce, such as violets and Beauties. The general report is that business was very fair but that mums came very near to being a drug and fancy prices for them out of the question. The total of business was not up to last year.

The mum season is about over. There are not many to be seen at the wholesale houses, and, contrary to the usual experience at this time of year, there is very little call for them. This season has been a bad one here for the mums. First to last, with but two exceptions, they have not sold with anything like the snap of last year. The cause of this is rather hard to find, but it is an undeniable fact that trade in this city this fall has not been up to the scratch.

This market is now pretty well supplied in all lines with the exception of red roses and Beauties, which at times are scarce. Valley is selling well and so are Romans. Violets bring most any price one day and the next it is hard to give them away. Many violets shipped to reach this city for the Tranksgiving trade did not arrive till the following day, when there was no demand for them, and they were a total loss.

Various Notes.

The chrysanthemum show held by W. K. Partridge in his retail store proved to be a great success. It far surpassed anything of the kind ever attempted here and brought out a large crowd of the flower loving public.

A week from Saturday is the next regular meeting of the Florists' Society and a good number of the members is expected to be on hand. C. J. Ohmer.

TORONTO.

F. C. Miller, of Brancondale, was fined $5 and costs or ten days by Magistrate Kingsford in the Police Court yesterday upon a charge of committing malicious injury to the property of the Granite Rink while the flower, fruit and honey show was in progress. Superintendent George H. Mills said the defendant's firm had become offended at the action of the judges of the carnation display and took away their exhibit before the closing day, contrary to the rules of the show. When they were taking out their exhibits the witness attempted to close the door, and it was pushed off its hinges. Mr. T. C. Robinette, K. C., immediately filed a notice of appeal.—Toronto Globe.

Please omit my advertisement of pansy plants, as I can fill no more orders this season.—L. W. Goodale, Dwight, Mass.

I would not want to do without the Review.—J. H. Fiesser, West Hoboken, N. J.

TREES and SHRUBS
FINE VARIETIES. Low Prices.
For both wholesale and retail trade.
Send for catalogue.
PETERSON NURSERY,
LINCOLN and PETERSON AVES., CHICAGO, ILL.
Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

Baltzell Bros., Altoona, Pa., are engaged in developing Rose Hill Cemetery, near that city.

Experiments in Delaware tend to show that the kerosene-limoid mixture will control San Jose scale.

The Clinton Falls Nursery Co., Owatonna, Minn., will make about 800,000 grafts this season. They had about 400,000 apple trees on hand when the fall season opened.

The thirty-ninth annual convention of the Iowa State Horticultural Society will be held at Des Moines December 13 to 16. Many western nurserymen will attend, several having places on the program.

The collector of customs at Chicago sold seven cases of nursery stock from Holland November 28. There were two shipments aggregating 275 pieces, including lilacs, rhododendrons, hydrangeas and clematis.

The first nursery catalogue for the spring of 1905 to reach us is that of Griffing Bros. Co., Jacksonville, Fla. It includes a general line of stock suitable for planting in the south, beside citrus fruits and pecans.

The proposed plan of disseminating the Spencer seedless apple through stock companies organized for that purpose is attracting wide attention. The trade is waiting for the word of a competent authority as to the character of the novelty.

TRANSPLANTING CUTTINGS.

August Rolker & Sons, New York, recently filed a protest against the classification for and assessment of duty on certain merchandise entered at the customs house in New York. The board of appraisers heard the case November 15. Following is the decision:

The merchandise which was invoiced as Buxus suffruticosa and Buxus arborescens, was classified as evergreen seedlings under paragraph 252, tariff act of 1897. The board found the plants in question to be transplanted cuttings and not seedlings, and held that if not cuttings in their present state they would be sufficiently described as stocks of evergreen trees or stocks of plants commonly known as nursery stock within the meaning of said paragraph, as contended by the importers.

HOW to EARN $20 to $50 per WEEK
This is an advertisement but is worthy of your careful consideration, as it is a bonafide offer to the readers of the Florists' Review for their services this winter—whole or part time.
If you mean business it will pay you to write to the Spaulding Company and get their proposition. Whether you are experienced in their line or not they will outfit you free and instruct you fully each week, so that you will positively make as much as stated above, in cash, and in addition thereto will receive many premiums, not cheap, trashy things but useful and valuable articles which they send their salesmen free, from time to time, by way of appreciation and encouragement.
Working for them is not like representing an ordinary nursery concern, for they are nurserymen of national reputation and can be depended upon to fulfill all agreements with salesmen and customers. They will make life easy and prosperous for you if you give them the chance.
Write them to-day for full particulars.
ADDRESS
SPAULDING NURSERY & ORCHARD CO.
SPAULDING, ILL.
Mention The Review when you write.

VAN DER WEIJDEN & CO.,
"The Nurseries," BOSKOOP, HOLLAND,
Have to offer EXTRA FINE Blue Spruces (Koster) from 2 to 5 ft. high. Taxus in all sizes. Conifers, hardy shrubs. H. P. Standard and Dwarf Roses. Crimson Rambler, etc., etc. Strictly first-class. Moderate prices.
Catalogue free on demand. No agents. For the trade only.

VREDENBURG & CO.
ROCHESTER, N. Y.
Lithographing, Printing, Engraving, Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN
Sample Colored Plates free—Send for Catalogue
UNEQUALLED FACILITIES
Mention The Review when you write.

W. & T. SMITH COMPANY,
GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.

THE STORRS & HARRISON CO.
PAINESVILLE NURSERIES
Catalogues and price list free on application.
PAINESVILLE, OHIO.
Mention The Review when you write.

EVERGREEN.
An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.
THE WM. H. MOON CO., Morrisville, Pa.

FANCY CARNATIONS

We have stock which cannot be duplicated on this market.

If you want strictly A1 goods you will be pleased with the stock we can send you.

CHOICE ROSES

Plenty of Fine Long Stevia. Write to us about your Christmas Orders.

A. L. RANDALL CO.

WHOLESALE FLORISTS

21 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

LOUISVILLE, KY.

Thanksgiving trade was very good. Chrysanthemums sold well and brought good prices. Poinsettias came from C. W. Reimers' establishment and found a ready sale. Chrysanthemums will soon be a thing of the past.

Jos. Coenen & Co. had a very large decoration. They used some 200 cut chrysanthemums and many carnations.

Hy. Fuchs has a bench of Golden Gate roses which are grand.

F. Walker & Co. report business good. The greenhouse in the rear of the store is stocked with some very fine ferns and rubber plants.

Nanz & Neuner made quite a display in their show window. Their vase of Eaton and yellow Mrs. Jerome Jones was a marvel of beauty and attracted a good deal of attention.

Mrs. Schulz, wife of Jacob Schulz, is dangerously ill with typhoid fever.

Frank Lichtefeld, father of Hy. Lichtefeld, who has been ill with throat trouble, is much better.

F. C. Haupt made a beautiful display in his window, of chrysanthemums and carnations.

Wm. Walker's place is in fine shape. Roses and carnations are the picture of health.

C. H. Kunzman is cutting some extra fine Enchantress.

Visitor: S. S. Skidelsky, Philadelphia.

HY. LICHTEFELD.

EVERGREEN, ALA.—George W. Caldwell says that he has graduated sixteen students with the full degree of (more or less) qualified competitor and has sixteen more in training. He was the original shipper of decorative greens from the south.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

SITUATION WANTED—In greenhouses where there is a store run in connection, by a man of some experience who wishes to learn more of the different branches of the work; have had more experience in gardening than in greenhouses; Iowa, Illinois or Missouri, the latter State preferred; good references. Address No. 82, care Florists' Review Chicago.

FOR SALE—Seven acres of land at Park Ridge, Ill.; fine soil and well adapted for greenhouse purposes. Terms easy. Address A. L. Randall, 19 Randolph St., Chicago.

FOR SALE—Small greenhouse with dwelling. Write for particulars. D. H. Greathouse, Lebanon, O.

FOR SALE—One Morehead trap, in first-class condition, capable of carrying 4,000 feet 1¼-in. pipe; have changed system and have no further use for it; in use one season; cost $60.00, will sell for $30.00 cash, f. o. b. W. H. Drake, Kenosha, Wis.

SITUATION WANTED—By an intelligent, strictly sober young man, 26; wants position in florist's store to learn designing; would prefer a place where good character and habits would be appreciated. R. C. Hinkle, Millersburg, Pa.

FOR SALE—A No. 16 Hitchings hot water boiler in good condition; price $50.00 f. o. b. Greensburg. Draper & Clark, Greensburg, Ind.

WANTED—A reliable single man who would be willing to do the night firing during winter (1 boiler to take care of), and who would make himself useful in general greenhouse work after the firing season is over. Correspond with F. Rentschler, Madison, Wis.

WANTED—A first-class designer and grower of mums, carnations and roses, also general line of pot stuff for retail trade. Salary, $25.00 per month, washing and board paid, and 10 per cent of net profits; or will give $30.00, board and washing paid, and no per cent. Must be able to wait on trade and keep a correct account of all sales; good place for a pleasant and energetic young man. Address No. 83, care Florists' Review, Chicago.

FOR SALE—Flower store without or with greenhouses; in good shape; cheap lease; best chance for responsible party; $200 00 and $800.00 respectively required. Reason: sickness of head of store. Ernst Nitsche, Dallas, Texas.

WANTED—A good experienced florist for cut flowers and bedding stock, to take full charge; single man preferred. Address No. 84, care Florists' Review, Chicago.

FOR RENT—Store with four nice living rooms, and three greenhouses, connected, doing a very good business; reason for renting, ill health. For particulars address No. 85, care Florists' Review, Chicago.

FOR SALE—7,000 feet of glass; 10-room house, barn and tools; 2 800 carnations, 500 roses, palms, ferns and everything for the trade; $2,000 cash, balance on time; sickness cause of selling; fifteen years established; central Indiana. Address No. 86, care Florists' Review, Chicago.

HELP WANTED—$20.00 to $50.00 per week. See 3½-inch adv. in another column. Address Spaulding Nursery and Orchards Co., Spaulding, Illinois.

WANTED AT ONCE—Boy or young man from 16 up, to help along in greenhouses; good place for a beginner Otto Bourdy, Lowell, Mass.

FOR SALE—Florist shop, built 5 years in center of large city; fine opportunity for man of small capital. Address No. 74, care Florists' Review, Chicago.

SITUATION WANTED—German, single, sober; age 33; 15 years' experience; palms, ferns, cut flowers, bedding plants, forcing stock. Chicago preferred. Address No. 80, care Florists' Review, Chicago.

FOR SALE—New greenhouses, 7000 ft. of glass; on leased land, lease 15 years to run; mostly pot plants for cemetery trade. Or will sell a half interest to a good man. Address J. Russler, 114th Street and Avon Avenue, Morgan Park, Ill.

FOR SALE—In a live gas city of 15,000; five greenhouses stocked with roses, carnations and a general assortment of plants; natural gas for fuel; cheapest on earth; seven room house, large grounds, barn, etc. Address A. L. Harmon, Iola, Kan.

FOR SALE—Horizontal tubular hot water boiler in first-class condition; nearly new Deane steam pump. J. W. Dunford, Clayton, Mo.

FOR SALE—One 1½ and one 2½ Furman hot water boiler in fine condition. Address A. L. Booth, 202 High St., Bristol, R. I.

FOR SALE—On 52 acres of leased land; greenhouses, dwelling, barn and sheds; with or without implements; growing and marketable crop; situated at 8500 Anthony Ave., Chicago; have moved to Onarga, Ill., and want to dispose of the place and stock for less than half value for cash; would be a splendid place for poultry combined with gardening. Ludvig Mosbaek, Onarga, Ill.

SITUATION WANTED—German, single, age 31, first-class grower of cut flowers and pot plants; 15 years' experience. Address No. 78, care Florists' Review, Chicago.

FOR SALE—Store in Back Bay, Boston; first-class locality, fully equipped, doing good business; too much business on hand cause of selling. Address S. G., 75 Waumbeck Street, Roxbury, Mass.

WANTED—Reliable party wishes to lease establishment of not less than 30,000 feet of glass; must be in first-class shape and within 50 miles of Chicago. Address No. 76, care Florists' Review, Chicago.

FOR SALE—Owing to death of proprietor, will sell established greenhouse situated in thriving southern city. No competition. For particulars address R. A. Schneider, 2962 Wabash Ave., Chicago, Ill.

FOR SALE—An elegant greenhouse plant, up-to-date and modern in every way; 20 lots, 40 000 feet of glass, fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. 69, care Florists' Review, Chicago.

—FOR SALE—

On account of other business I will sell my Market Garden business (in Southern Illinois) at a bargain. Address

No. 71, Care Florists' Review, CHICAGO.

Mention The Review when you write.

Store Man Wanted

Have a first-class opening in Chicago for a capable store man. Moderate wages to start and advancement when ability is shown to handle first-class trade. Address with particulars as to experience and wages wanted—

No. 79, care Florists' Review, Chicago.

WANTED.

At once a first-class store man, good designer and decorator. State salary and experience in first letter.

E. B. Mergenthaler,
E. WASHINGTON LANE,
Germantown, Philadelphia, Pa.

WE look for the REVIEW each week, as it is always full of honest thoughts.—HAMMERSCHMIDT & CLARK, Medina, O.

SAMUEL S. PENNOCK,
POINSETTIAS,
Very choice for immediate delivery,
12½c, 25c and 40c Each.
Store open from 7:30 a. m. to 8 p. m.
The Wholesale Florist of PHILADELPHIA.
Mention The Review when you write.

A BEAUTIFUL DECORATIVE EVERGREEN FOR CHRISTMAS!
A single postal request will bring you gratis a sample and price.
Pittsburg Cut Flower Co., Ltd.,
504 LIBERTY AVE.,
PITTSBURG, Pa.
PITTSBURG'S OLDEST WHOLESALE FLORISTS.
Mention The Review when you write.

The Cleveland Cut Flower Company,
WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.
52 and 54 High Street, CLEVELAND, OHIO.
Mention The Review when you write.

KANSAS CITY.

The Market.

Thanksgiving week was one of the busiest in the history of the trade here. There was an exceptionally brisk demand for flowers and plants for decorating and gifts. A feature of the week was the annual football game between Missouri and Kansas universities held Thanksgiving day. A rush was made by the students of each college for the florists and chrysanthemums disappeared until looking over the benches the day after it looked as though a cyclone had struck them. We are always glad when the students come.

Various Notes.

Alfred Broman, of Independence, formerly with Kellogg, at Pleasant Hill, has some fine roses in his houses. In fact, everything looks very nice out on the Lexington road.

A rumor is afloat that another range of houses is about to be erected at Fifteenth and Euclid. Your correspondent is unable to give the name of the party contemplating the improvement.

C. A. Blankenfeld wishes to say that a mistake was made in the item week before last. He says that it is Langshan and not Leghorn chickens he is raising.

All the florists are getting ready for Christmas business. Advance orders are being sent in for cut flowers and plants and all the florists are wearing a smile of content.

The florists of Kansas City are up against a stiff proposition, the department stores and the street fakirs, who are coming in competition with the legitimate growers.

Bunyar reports business as good in his line and is propagating lots of stuff for the spring market.

Chas. Laundy, of Westport, is thoroughly satisfied with his new location and reports business as rushing out his way.

Arthur Newell says he has nothing to complain of in the way of business.

NARCISSUS.

PAINESVILLE, O.—Carl Hagenburger, of W. Mentor, has his branch establishment here completed and in nice running order.



CATTLEYAS.....per dozen, $7 00 to $7 50
DENDROBIUMS....per dozen, 3 00 to 5 00
CYPRIPEDIUMS.....per dozen, 2 00
Assorted Orchids and Sprays, box, $5 to $25

ORCHIDS
AND
Fancy Cut Flowers
A SPECIALTY.

If you want Choice Cut Flowers at any time or all the time, send to
CHARLES W. McKELLAR
51 Wabash Avenue, CHICAGO.
Western Headquarters for Choice
ORCHIDS, FANCY VALLEY, VIOLETS, BEAUTIES, TEA ROSES, CARNATIONS and CHRYSANTHEMUMS. Wild Smilax, Asparagus, Adiantum, Smilax, Fancy Ferns always in abundance. Also a complete line of all Florists' Supplies, Novelties and Wire Work. L. D. Phone Central 3598. Auto. 3823.
Mention The Review when you write.

HAVING BEEN AWARDED THE GRAND PRIZE
For My Exhibition of GLADIOLI At the World's Fair
it is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers Groff's Hybrids and other sorts the best obtainable.
Write for Catalogue. ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.
Mention The Review when you write.

PITTSBURG FLORISTS' EXCHANGE
Wholesale Florists and Florists' Supplies.
228 Diamond St., PITTSBURG, PA.
Shipping Given Special Attention.
Send for weekly price list free.
Mention The Review when you write.



Gladiolus Bulbs
Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.
Mention The Review when you write.

WILMINGTON, DEL.—W. N. Potter has made a number of improvements in his place at Twenty-fourth and Market streets, combining all his houses into one range.

CRESCENT, IA.—H. A. Terry, the well known peony raiser, is to read a paper on his favorite flower before the Iowa State Horticultural Society at Des Moines, December 14.

The Philadelphia Cut Flower Co.

R. C. HAYDEN, Secretary and Treasurer. **Wholesale Florists** WM. J. MUTH, Manager.

Daily receivers and shippers of Choice Brides, Bridesmaids, Beauties, Fancy Enchantress, Prosperity, Lawson, Fresh Violets, etc.

ORDERS by TELEPHONE or TELEGRAPH will Receive PROMPT ATTENTION

1516-1518 SANSOM STREET, PHILADELPHIA.

Mention The Review when you write.

BERGER BROTHERS, Choice Valley, Roses, Carnations.

1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. PHILADELPHIA.

Mention The Review when you write.

Eugene Bernheimer Wild Smilax, Galax Leaves, Hardy Ferns.

WHOLESALE FLORIST 11 SOUTH 16TH STREET, Philadelphia, Pa.

Mention The Review when you write.

Indianapolis Floral Co.

839 Ft. Wayne Avenue, INDIANAPOLIS, IND.

WHOLESALE

Commission Florists

All orders promptly filled in best possible manner.

Consignments solicited. We are in position to give prompt and liberal returns on all consignments.

WANTED--BULBS.

We want to buy in lots of 1000 to 10,000 each of the following: — **Tulips**, select mixtures; **Crocus, Hyacinths**, separate colors and mixed; **Narcissus**, all kinds; **Lilies.**

Mention The Review when you write.

HEADQUARTERS FOR "SUPERIOR QUALITY" BRAND

WILD SMILAX

ALWAYS ON HAND.

25-pound case.....$3.00
50-pound case..... 5.00

NONE BETTER

E. F. WINTERSON CO.

45-47-49 WABASH AVE. CHICAGO

Mention The Review when you write.

ROSES High Grade cut blooms at all times

HELLER BROS., NEW CASTLE, IND.

SOUTH PARK FLORAL CO.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Nov. 30.

	Per doz.
Beauties, Specials	$4.00 to $5.00
" Extra	3.00
" Medium	2.00
" Short	1.00 to 1.50
Queen of Edgely, Medium	2.00 to 3.00
" " Short	1.00 to 1.50
	Per 100
Bride and Bridesmaid	6.00 to 8.00
" " Ordinary	2.00 to 3.00
Liberty, Specials	15.00 to 20.00
" Ordinary	8.00 to 12.00
" Seconds	3.00 to 5.00
Kaiserin, Special	5.00 to 10.00
" Ordinary	2.00 to 4.00
Golden Gate, Special	5.00 to 8.00
" Ordinary	2.00 to 3.00
Meteors	3.00 to 6.00
Ideal	2.00 to 5.00
Perle	3.00 to 5.00
Sunrise	4.00 to 6.00
Carnations, Fancy	3.00 to 5.00
" Select	2.00 to 2.50
" Ordinary	1.00 to 1.50
Adiantum Cuneatum	.75 to 1.00
" Croweanum	1.50
" Farleyense	10.00
Asparagus Plumosus, Strings	50.00
" " Sprays	25.00 to 50.00
" Sprengeri Sprays	35.00 to 50.00
Orchids, Cattleyas	60.00
" Dendrobium Formosum	40.00
" Oncidium	5 00
" Cypripedium	15 00
Bouvardias	2.00 to 4 00
Callas	10.00
Daisies, Yellow	.75 to 1.00
" White	.75 to 1.00
Gardenias	50.00
Mignonette	2.00 to 4.00
Pansies	.75 to 1.00
Smilax	12.50 to 15.00
Sweet Peas	.50 to .75
Valley, Fancy	4.00 to 5.00
" Ordinary	2.00 to 3.00
Violets, Single	.50 to .75
" Double	1.00 to 1.50
" White	2.00
Chrysanthemums, Fancy, per doz.	3.00 to 4.00
Easter Lilies, per doz.	1.50
Paper Whites	2.00 to 3.00
Romans	3.00 to 4.00
Heliotrope, fancy, per doz.	1.50
Poinsettias	12.50 to 40.00
Stevia	1.00

THE REVIEW is all right, the best paper.—C. L. BAUM, Knoxville, Tenn.

JOSEPH HEACOCK

WYNCOTE, PA.

Grower of

Kentia Belmoreana and Kentia Forsteriana

Mention The Review when you write.

EDWARD REID,

WHOLESALE FLORIST.

Everything Seasonable in **Cut Flowers**

1526 Ranstead St., PHILADELPHIA.

Store closes at 8:00 p. m. Long Distance Phone.

Mention The Review when you write.

WILLIAM J. BAKER,

WHOLESALE FLORIST,

Bouvardia, Carnations, Romans and Paper Whites.

1432 South Penn Square, Philadelphia.

Mention The Review when you write.

FRED EHRET, Wholesale Florist

Center for BRIDES, MAIDS, BEAUTIES, CARNATIONS, Etc.

CHRYSANTHEMUMS until Christmas, including Dorothy Faust, Fancy White.

1403-5 Fairmount Ave., PHILADELPHIA.

Established 1890.

Mention The Review when you write.

Michigan Cut Flower Exchange.

WM. DILGER, MANAGER.

FANCY FERNS, $1.00 per 1000.

DAGGER FERNS, 90c per 1000.

38-40 Miami Avenue, Detroit, Mich.

Mention The Review when you write.

CUT ROSES DIRECT From Grower to **DEALER**

Brides, Meteors, Beauties, Maids, Smilax and Carnations.

GOOD GOODS. LOW PRICES.

FREDERICK D. STEIN, - - MADISON, N. J.

CHAS. D. BALL,

GROWER ....OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

Mention The Review when you write.

BOSTON FERNS!

Stocky plants with short fronds, 6-inch pots, 50c each; $6.00 per dozen. Good value.

JOHN WELSH YOUNG

Upsal Station, Penna. R. R.

GERMANTOWN, PHILADELPHIA.

Mention The Review when you write.

Charles Millang, 50 W. 29th St. New York

We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
Tel. 3860, 3861 Madison Square.

Moore, Hentz & Nash
Wholesale Florists.
55-57 W. 26th St.
NEW YORK CITY.
SHIPPING ON COMMISSION.
Telephone 756 Madison Square

VALLEY, FARLEYENSE, CARNATIONS Shipped at New York Prices
ALFRED H. LANGJAHR,
55 West 28th Street, NEW YORK.
CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
Telephone 3924 Madison Sq.
Mention The Review when you write.

JAMES McMANUS, Telephone 749 Madison Square. 50 W. 30th St., NEW YORK
Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND
ORCHIDS A SPECIALTY.
HEADQUARTERS FOR NOVELTIES

W. GHORMLEY,

The Largest Commission House in America for Roses, Violets and all other varieties of Cut Flowers.
WHOLESALE COMMISSION
57 WEST 28TH ST., NEW YORK
'PHONE 2200 MADISON SQ., which ring, connects you with all our TELEPHONES.
MY LARGE SHIPPING TRADE ENABLES ME TO COMMAND THE HIGHEST PRICES.
Special arrangements this season for the extensive handling of American Beauties
Mention The Review when you write.

WALTER F. SHERIDAN,
Wholesale Commission Dealer in
CUT FLOWERS
39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality American Beauties and all other varieties of Roses.
Telephone 902 Madison Square. Carnations
Mention The Review when you write.

BONNOT BROS.
WHOLESALE FLORISTS,
55 and 57 W. 26th St., Cut Flower Exchange. NEW YORK.
OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
Telephone No. 2438 Madison Sq.
Mention The Review when you write.

ESTABLISHED 1872.
JOHN J. PERKINS
WHOLESALE AND COMMISSION FLORIST,
115 West 30th St., NEW YORK.
Tel. No. 956 Madison Square.
WANTED a few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.
Mention The Review when you write.

ALEX. J. GUTTMAN,
Wholesale Florist.
All varieties of Cut Flowers in season at right prices and of the best quality.
—— Correspondence Suggested. ——
52 West 29th Street, NEW YORK
Telephone 1664-1665 Madison Sq.
Mention The Review when you write.

FRANK MILLANG,
CUT FLOWER EXCHANGE.
Coogan Building, 55-57 West 26th St. NEW YORK CITY.
Phone 299 Madison Square.
Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.
Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

New York, Nov. 28.

		Per 100
Beauties,	Specials	$30.00 to $50.00
	Extra	15.00 to 25.00
"	No. 1	8.00 to 10.00
"	Shorts	2.00 to 4.00
Brides and Maids,	Specials	8.00 to 12.00
" "	Extra	4.00 to 8.00
" "	No. 1	3.00 to 5.00
" "	No. 2	1.00 to 3.00
Golden Gate		4.00 to 10.00
Liberty		2.00 to 10.00
Mme. Chatenay		2.00 to 10.00
Meteor		1.00 to 5.00
Orchids, Cattleyas		50.00 to 75.00
Carnations, Common		1.00 to 2.00
"	Selects	2.00 to 3.00
"	Fancies	3.00 to 4.00
"	Novelties	4.00 to 8.00
Adiantum Cuneatum		.25 to .75
"	Croweanum	1.25
Asparagus Plumosus,	Strings	25.00 to 50.00
Asparagus Sprengeri		10.00 to 15.00
Lilies		8.00 to 12.00
Lily of the Valley		2.00 to 3.00
Smilax		8.00 to 12.00
Violets		.50 to 1.00
"	Specials	1.00 to 1.50
Chrysanthemums,	Fancy	10.00 to 25.00
Chrysanthemums,	Common	4.00 to 8.00
Narcissi,	Romans	1.00 to 1.50

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☞ NEW CROP Southern Wild Smilax now ready in limited quantities.

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Boston, Nov. 30.

	Per 100
Beauties, Specials	$30.00 to $40.00
" Extra	15.00 to 20.00
" Short Stems	5.00 to 8.00
Brides, Specials	8.00 to 10.00
" Seconds	2.00 to 4.00
Bridesmaids, Specials	6.00 to 10.00
" Seconds	1.00 to 3.00
Liberty	5.00 to 20.00
Kaiserin	3.00 to 8.00
Bon Silene	3.00
Safrano	3.00
Carnot	4.00 to 7.00
Chatenay	4.00 to 10.00
Cattleyas	40.00 to 50.00
Cypripediums	8.00 to 12.50
Carnations, Specials	4.00
" Select	2.50 to 3.00
" Ordinary	1.50 to 2.00
Chrysanthemums	4.00 to 12.00
Violets	1.00 to 1.25
Lily of the Valley	3.00 to 4.00
Narcissus	2.00 to 2.50
Mignonette	2.00 to 3.00
Bouvardia, bunch	.25
Stevia, bunch	.25
Asparagus Plumosus, Strings	40.00 to 50.00
" Sprays, bunch	.50
" Sprengeri, bunch	.35 to .50
Smilax	8.00 to 10.00
Adiantum	.50 to 1.00

Buffalo, Nov. 28.

	Per 100
Beauties, Specials	$40.00 to $50.00
" Extra	20.00 to 30.00
" Shorts	6.00 to 10.00
Brides and Maids, Extra	6.00 to 8.00
" " No. 1	3.00 to 5.00
" " No. 2	2.00 to 3.00
Carnot	2.00 to 3.00
Golden Gate	2.00 to 5.00
Kaiserin	2.00 to 3.00
Liberty	2.00 to 10.00
Meteor	2.00 to 6.00
Mrs. Morgan	2.00 to 4.00
Perle	2.00 to 4.00
Sunrise	1.00 to 3.00
Carnations	2.00 to 4.00
Chrysanthemums	4.00 to 25.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	8.00 to 10.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Lilium Longiflorum	15.00
Lily of the Valley	3.00 to 5.00
Smilax	12.50 to 15.00
Galax	.10 to .15
Common Ferns	.15 to .20
Violets	1.00 to 2.00

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LEUCOTHOE SPRAYS, Green, 90c per 100, $7.50 per 1000.

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GREEN SHEET MOSS, Beautiful color, clean stock, $2.50 per bbl. sack.

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Write for special prices.
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Chicago, Nov. 30.

	Per doz.
Beauties, Long stems	$5.00
" 30-inch "	5.00
" 24-inch "	4.00
" 20-inch "	3.00
" 15-inch "	2.00
" 12-inch "	1.50
Shorts....per 100, $6.00 to $8.00	

	Per 100
Bridesmaids, Specials	$6.00 to $8.00
" Firsts	4.00 to 5.00
Brides, Specials	6.00 to 8.00
" Firsts	4.00 to 5.00
Liberty, Specials	6.00 to 10.00
" Firsts	4.00 to 5.00
Golden Gate, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Kaiserin, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Meteor, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Ivory, Firsts	6.00 to 8.00
" Seconds	4.00 to 5.00
Perles, Firsts	4.00 to 6.00
" Seconds	3.00
Chatenay	6.00 to 10.00
Carnations, Select	2.00 to 2.50
" Fancy	3.00 to 4.00
Chrysanthemums, good...per doz.	1.25 to 1.50
" fancy... "	2.00 to 3.00
Violets	1.50
Callas	10.00 to 12.50
Paper Whites	3.00
Stevia.....per bunch,	.25 to .50
Asparagus, Strings	35.00 to 50.00
" Sprays....per bunch,	.25 to .35
Sprengeri	.25 to .35
Ferns.....per 1,000, $1.50	.15
Adiantum Cuneatum	.75 to 1.00
" Croweanum	1.50
Smilax.....per doz.	1.50

Cleveland, Nov. 30.

	Per 100
Beauties, Specials	$35.00
" Extra	25.00
" No. 1	20.00
" Shorts	12.00
Bride and Bridesmaid.	$4.00 to 8.00
Kaiserin	4.00 to 8.00
Meteors	4.00 to 8.00
Carnations	2.00 to 4.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri "	2.00 to 4.00
Violets	.75 to 1.50
Smilax	12.50 to 15.00
Paper Whites	3.00 to 4.00

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Wholesale Grower of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.
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Plenty of MUMS, BEAUTIES, MAIDS, BRIDES, etc.
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ALL GRADES.
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Cincinnati, Nov. 30.

	Per 100
Beauties, Extra	$15.00 to $35.00
" No. 1	10.00 to 12.50
" Shorts	4.00 to 8.00
Brides and Maids, Extra	6 00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	3.00 to 6.00
Kaiserin	3.00 to 6.00
Liberty	3.00 to 8.00
Meteor	3.00 to 6.00
Perle and Sunrise	2.00 to 4.00
Carnations, Common	1.50
" Selects	2.00 to 2.50
" Fancies	2.50 to 4 00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Lilium Longiflorum	8.00 to 12.50
Smilax	10 00 to 18.00
Lily of the Valley	3.00 to 4 00
Chrysanthemums	4.00 to 25.00
Violets	.50 to 1.50
Narcissi, Romans	3.00 to 4.00

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AMERICAN BEAUTIES—	Per doz.
Extra select	$5.00
30-inch stems	4.00
24-inch stems	3.00
20-inch stems	2.50
15-inch stems	2 00
12-inch stems	1.50
Short stems	$6.00 to $8.00 per 100.

	Per 100
LIBERTY	$4.00 to $10.00
CHATENAY	8.00 to 10.00
" seconds	4.00 to 6.00
MAIDS AND BRIDES	6.00 to 7.00
" " " seconds.	4 00 to 5.00
PERLE	4.00 to 6.00
GOLDEN GATES	4.00 to 7.00
METEOR. SUNRISE	4.00 to 7.00
CARNATIONS	3 00 to 4.00

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Special price on large quantities.

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MILWAUKEE, WIS.

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Wholesale Cut Flower Prices.

St. Louis, Nov. 30

	Per doz.
Beauties, Specials	$5.00 to $6.00
" Extra	2.50 to 3.00
" No. 1	1.00 to 1.50
" Shorts	.60 to .75

	Per 100
Brides and Maids, Specials	$8.00 to $10.00
" " Extra	5.00 to 6.00
" " No. 1	3.00 to 4.00
Carnot	5.00 to 8.00
Golden Gate	4.00 to 6.00
Kaiserin	6.00 to 8.00
Liberty	6.00 to 10.00
Meteor	5.00 to 10.00
Carnations, Common	1.50 to 2.00
" Select	3.00 to 4.00
" Fancies	5.00 to 6.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 1.50
" Sprengeri "	1.00 to 1.50
Chrysanthemums, Select	20.00 to 25.00
" Fair	8.00 to 15.00
Lily of the Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Violets, single	.75 to 1.00
" double	1.50 to 2.00
Paper White	3.00 to 4.00
Romans	3.00 to 4.00

Pittsburg, Nov. 30.

	Per 100
Beauties, Specials	$35.00 to $40.00
" Extra	20.00 to 30.00
" No. 1	10.00 to 15.00
" Shorts	6.00 to 8.00
Brides and Maids	2.00 to 10.00
Cusin	2.00 to 10.00
Kaiserin	2.00 to 10.00
Liberty	2.00 to 10.00
Mme. Chatenay	1.00 to 4.00
Carnations	1.00 to 3.00
Adiantum Cuneatum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 50.00
" Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Chrysanthemums	4.00 to 25.00
Lily of the Valley	2.00 to 4.00
Violets	.50 to 1.50
Smilax	12.50 to 15.00
Lilies	12.50 to 15.00
Paper Whites, Romans	2.00 to 3.00
Stevia	1.00 to 2.00

Violets.

We make a specialty of

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Alexander McConnell

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

Houghton & Clark

434 Boylston Street,

Boston, Mass.

WASHINGTON, D. C.

Orders Executed Artistically.

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Long Distance Phone 2180. COR. 14th and H STS.

S. B. Stewart,

No. 119 16th Street. OMAHA, NEB.

Always Mention the....

Florists' Review

When Writing Advertisers.

HOLLY RIBBONS

for the Christmas Holidays.

We make them in

Holly Red Ribbons,
Christmas Green Ribbons

and a beautiful white soft satin taffeta with holly leaves and berries printed on same. All widths.

Glad to send you samples and prices.

The Pine Tree Silk Mills Company

Philadelphia

OFFICE AND SALESROOM:
806-808-810 ARCH ST. 52 and 54 N. 8th ST.

Mention The Review when you write.

Fancy or Dagger Ferns



85c per 1000. Galax, brilliant bronze or green, 75c per 1000; $6.50 per case 10,000. Laurel festooning, hand made, full sizes, 4c, 5c and 6c per yard, made fresh daily from the woods. Send us your Thanksgiving orders now and we will please you. Branch Laurel, 35c per large bundle. Southern Wild Smilax, $5 50 per case, large size. Laurel wreaths and Princess pine wreaths made all sizes and prices. Princess pine by the pound and made into roping.

Tell us your wants and we will name you prices.

CROWL FERN CO., - - - MILLINGTON, MASS.

HARDY CUT FERNS.



DAGGER and FANCY FERNS, A-1 quality, $1.00 per 1000; discount on larger orders. **BRILLIANT BRONZE and GREEN GALAX**, $1.00 per 1000.

We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our Specialties are Dagger and Fancy Ferns, A-1 quality, $1.00 per 1000. Laurel Festooning, good and full, hand made, 5c and 6c per yard. Green and Sphagnum Moss, $1.00 per bbl. Sphagnum Moss, 50c a bag, 5 bags, $2.00. Ivy Leaves, $4.00 per 1000.

Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes— al sizes, Folding Flower Boxes, Ribbon—all sizes and colors, Coral Letters, Block Letters, Wire Designs Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

L. D. Tel. 2618 Main. **HENRY M. ROBINSON & CO., 8 and 11 Province St., BOSTON, Mass.**

ATTENTION !!! Florists

For WAX FLOWERS, BASKETS, WAX FLORAL DESIGNS, WHEAT SHEAVES, etc., send to

J. STERN & CO. 1928 Germantown Avenue, (Ask for our beautiful Catalogue.) **Philadelphia.**

PITTSBURG.

The Market.

Business the past week has been very good. Thanksgiving has come and gone and most of the retail stores as well as many of the market people report an increase over last year's business. Among the wholesalers, most of them were left with large quantities of carnations on hand. We understand fine stock could have been bought Wednesday evening at $15 per thousand. White carnations, which were very scarce for the ten days preceding Tuesday, were very much in evidence for Thanksgiving, but the trouble was there is never much call for white for any holiday. The Pittsburg Cut Flower Co. had an immense stock of chrysanthemums, which they cleaned up nicely. They report most of their growers entirely cut out and expect the coming week to clean them up for this year.

The general report of increased sales is somewhat surprising in the face of the fact that almost all stock sold cheaper than ever before at this time of the year. The street merchants sold carnations as cheap as 25 cents per dozen.

Various Notes.

Now that the mum season is about over it might be valuable information for the growers to know that the demand this year has been for good chrysanthemums of medium size. The verdict of all the retailers is that people, without regard to their means, prefer the smaller flowers for their own use. Of course there will always be a limited demand for the show blooms and larger flowers, but for several years the patrons have shown their preference for blooms that retail at $1 to $2 per dozen.

Lincoln I. Neff received a large funeral order Thursday afternoon which kept him busy all night and sent him shopping.

J. B. Murdoch & Co. report a satisfactory Thanksgiving business on all lines except carnations.

P. J. Demas, of the Exchange, got back from Chicago Wednesday morning in time to give the boys a hand with their Thanksgiving rush.

The committee having charge of the smoker to be given by the Florists' Club suggests that it will be a good night for the boys to pay their dues; they will have the secretary there ready to receive same, and they expect to give you full value for your money the same night. Don't miss the smoker, there are to be "large doin's."

Chas. T. Siebert, who has been very ill for some time, was down town Saturday, the first time for several months. Notwithstanding that he is far from being a well man, yet he has the same smile and kind word for everyone and sees only the bright side of everything. We wish there were more of him.

M. C. Dunlevy, carnation grower of Carnegie, has been very busy the past week preparing for the farmers' institute, of which he is secretary, which met in Carnegie, Monday, November 28. Mr. Dunlevy is one of the growers who believes in education along all lines.

Philip Breitmeyer, of Detroit, was a visitor on his way home from the east. Phil says to wait one year and he will show you the finest flower shop in the country.

F. H. Lemon, of the E. G. Hill Co., Richmond, Ind., has been at the Hotel Henry, showing their two new roses, Richmond and English, Carnation Cardinal and the big late mum, Jeannie Nonin.

Hoo-Hoo.

CANANDAIGUA, N. Y.

The Gardeners' and Florists' Society held a very successful flower show November 15 and 16. The exhibition was much the largest ever staged in this city and the attendance very satisfactory. Among the principal exhibitors were Mrs. F. F. Thompson, Alex. Ogilvie, Jos. Jones and R. H. McKerr, the latter taking most of the premiums for carnations. Mr. Ogilvie made nearly a clean sweep of the classes for cut blooms of chrysanthemums, his varieties being mostly the Wells-Pockett set sent out last season.

AN error occurred in a recent advertisement of the Summerfield Floral Co., the address being given as Summerfield, Mo., instead of Springfield, Mo. This has been called to our attention by several parties who wrote to that address only to have their letters returned by the postoffice.

CLEVELAND.

The Market.

Thanksgiving is past and it can be truthfully said that it surpassed last year by at least twenty per cent. The demand for flowers, from a retailer's point of view, was: Chrysanthemums first, carnations second, violets and Beauties third. Tea roses suffered greatly, there being practically no demand; consequently a large supply was left over. Several novelties were introduced in the form of hampers filled with violets and valley tied with a pretty ribbon to match. Orchids played a prominent part in this manner and were a decided acquisition.

Pumpkins and cabbages were used to fine advantage by Mr. Eastwell, of Smith & Fetters. The former were cut out to represent a basket with handle attached filled with seasonable fruit and handsomely finished off with flowers and chiffon. The cabbage was indeed a rare novelty, the curly variety being used. These were trimmed with violets and valley, also a large bow of ribbon attached, which made it quite complete. I don't wonder they had a large demand for them, as they were just the thing for a Thanksgiving centerpiece.

At Gasser's the orchid novelties were about cleaned out when I managed to get around. Mr. Darnell says that everything cleaned up nicely and is perfectly satisfied with the volume of business transacted. He is of the impression that had the weather been better much more business would have resulted.

C. M. Wagner, of Erie street, did a fine business and has no complaint to make. Chrysanthemums, carnations and violets were called for mostly, and as Mr. Wagner handled twice the quantity of stock this year it speaks wonders for his business increase. Miss Eadie, also of Erie street, had a good call for chrysanthemums and carnations. A nice lot of Paper Whites and Romans were used in mixed boxes of flowers. Violets had a fine run and were sold out by Thursday noon.

Collins & Harrison opened a fine store at 146 Euclid avenue on November 21. It was a most auspicious opening and from the quality of stock handled it is a certainty they are on the right track to catch the best trade. They have a perfectly equipped store and an ideal location, being in the business center. Mr. Harrison is highly pleased with their Thanksgiving trade. It proved considerably greater than they had anticipated. Their specialty was Beauties and hundreds were used. Violets and chrysanthemums of the best quality were cleaned up, as were also carnations. A few pots of poinsettias gave evidence that it is not their day and must take a back seat until Christmas.

J. M. Gasser has been on an extended trip west.

Mr. Smith, of Smith & Fetters has been called to New York by the serious illness of his brother. Forest City.

Kansas City, Mo.—The Budd Park Greenhouses will add about 1,200 feet of glass and a new boiler early in the new year.

Louisville, Ky.—C. W. Reimers has two houses full of poinsettias, 11,000 for cutting for Christmas. He also has a large stock in small pots for making up in pans.

Rooted Carnation Cuttings

..NOW READY..

These low prices good only up to December 25.

WHITE:	Per 100	Per 1000
Queen Louise	$1 00	$10.00
Flora Hill	1.00	10.00
Alba	1.40	12.50
Gov. Wolcott	1 00	10.00
Norway	1.00	10.00
Lillian Pond	1.40	12.50
Chicot	1.20	10.00
PINK:		
Mrs. Thos. Lawson	1.40	12.50
Enchantress	4 00	35.00
Mrs. Joost	1.00	10.00
Success	1.00	10.00
Mermaid	1.00	10.00
Cressbrook	1.00	10.00
Pres. McKinley	1.40	12.50
Mrs. Theo. Roosevelt	1.40	12 50
SCARLET:		
G. H. Crane	$1.00	$10.00
America	1.00	10.00

SCARLET:	Per 100	Per 1000
P. Palmer	$1 00	$10.00
Estelle	1.40	12.50
J. H. Manley	1.50	15.00
Apollo	1.50	15 00
CRIMSON:		
Harlowarden	1.40	12.50
Gov. Roosevelt	1.20	10.00
YELLOW:		
Golden Beauty	1.40	12.50
Eldorado	1.00	10.00
VARIEGATED:		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Stella	1.40	12.50
Armazindy	1.00	10.00
Viola Allen	1.20	11.00
Gaiety	1.20	11.00

Special prices on large lots. Unrooted pips at half price of above. 25 at 100 rate. 250 at 1000 rate. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

Loomis Floral Company, LOOMIS, CAL.

Mention The Review when you write.

PACIFIC COAST.

ABOUT ROSES.

We are now in that season of the year in which roses that are grown outside should be transplanted and pruned. Owing to the peculiarly warm weather we have had during the preceding month the plants are still in a growing condition, and owing to the absence of frost they are still covered with plenty of bloom and young foliage. To transplant them at this time considerable care must be taken in handling or they will receive a check from which they will not recover for many months, if they do at all. Our planting season is now on and nurserymen are receiving plenty of orders for this class of stock.

It is a good plan to dig all the roses from the nursery rows and, after trimming all the foliage off and cutting back the longest runners on the climbers and strong growing hybrids, to heel them in a space by themselves. Give them a good soaking to pack the top soil around the roots and, if we have a continued dry and warm spell such as present conditions indicate, it is a good idea to sprinkle them frequently. Roses handled in this way will commence in a few weeks to make quantities of fibrous roots, when all danger in handling them will be passed.

Many growers and retailers handle their stock in the early spring and throughout the summer in 5-inch and 6-inch pots, in which case this is the proper time to pot them. It is a good plan to put a handful of well rotted manure in the bottom of the pot when planting them and they will respond splendidly later in the season with an increased growth of foliage and flowers.

Roses in pots should always be plunged in the ground as soon as planted, as it is impossible to grow a nice plant where the outer surface of the pot is always dry during the spring and summer, as in this latitude. Roses that are heeled in can be handled with bare roots until the end of March, but after that they should be planted out in the ground or planted in pots.

Regarding the soils in which roses flourish best we have many inquiries. Heavy black soil seems to fill all requirements, especially for hybrids, hybrid teas and climbers. The tea varieties grow fairly well in light, sandy or gravelly soil, but they also do better when planted in stronger ground. I have frequently seen strong plants transplanted from adobe to sand actually starve to death in one season, even when given the best of situations and care, and it is safe to say that the only proper soil for roses is the heaviest that can possibly be had.

I do not believe in the wholesale pruning of roses unless to rid them of unruly growths or small weak wood. When we have an almost endless growing season, as we do here in California, it is very easy to cripple and permanently impair the future value of a strong growing sort by injudicious pruning, and unless, as I have before stated, the plants are unshapely or given to extraordinary branching, I have yet to find any advantage in the wholesale pruning of roses when intended for ordinary garden culture. G.

SAN FRANCISCO.

The Market.

Thanksgiving has come and gone and the weather was all that could be desired. Regarding business, all the florists with whom I have spoken are well satisfied. The prospects in the early part of the week were not much to brag of, but by Tuesday evening orders began coming in very rapidly and Wednesday brought a perfect avalanche of business. Yellow mums seemed to be the best selling article and the cream of the hothouse

Don't Wait

until you need cuttings. Order now; then you will have them when you want them.

Geraniums, Ivy Geraniums, Fuchsias, Double Petunias, Heliotrope and Bedding Plants in general, $6.00 per 1000.

Express prepaid on all orders received on or before December 15, 1904. Thirty varieties of **Carnation Cuttings.** Prices on application. Also **Dahlias, Cannas and Calla Bulbs.**

California Product Company,
55 Ellis St., SAN FRANCISCO, CAL.
Mention The Review when you write.

Primula Chinensis

5 colors, 2 and 3-inch, $2.00 to $3.00 per 100.

CYCLAMEN GIGANTEUM, Vaughan's Seed, 3-inch, fine plants, $7 per 100.
GERANIUMS R. C., $1 25 per 100.
HELIOTROPE, light and dark, R. C., $1 per 100.
PETUNIAS, R. C., single from California Giants, one of the finest collections in Cal. Flowers from 4 to 6 inches across. Double, from Dreer's and Henderson's sets, $1.25 per 100. Cash please.

FRED GROHE,
McDonald Avenue, SANTA ROSA, CAL.
Mention The Review when you write.

stock sold at from $5 to $6 per dozen.

Roses, except American Beauties, did not bring any higher price than they have for the past month. Carnations were in ample supply and sold well. Fancy sorts cost the retailers 50 cents per dozen and most of the other varieties sold at about one-half that price. Narcissi are very plentiful and valley scarce. Smilax is getting to be a drug and maidenhair fern shorter of stem. Roman hyacinths are more in evidence than they have been and are still selling at three dozen for a dollar.

Various Notes.

Chas. Beebe, of Trumbull & Beebe, reports that his firm is receiving many inquiries for fine ornamental stock for the coming season.

L. Wickstrom made several very large and elaborate theatrical designs during the past week.

Considerable complaint is being received from Berkeley residents, owing to the fact that the best gardens in the town have been despoiled of their finest plants by thieves during the last few months. Prof. Hilgard, the botanist, whose grounds are among the finest in that burg, has lost many valuable shrubs and flowering plants.

Louis Castellero, a gardener and florist living at Silver and Cambridge street, fell from a San Mateo car on Sunday and sustained a fracture of the skull from which he died at St. Luke's Hospital.

James Skinner, of Portland, Ore., is in town. He supplies a majority of the dealers with Christmas trees and greens.

John Welsh, one of San Francisco's pioneer gardeners, is dead, aged 70 years. He was well known and had worked in many of our largest commercial places. G.

PUEBLO, COLO.—J. O. Zimmerman sued J. M. Llewellyn for the value of stock lost in decorating a church for the latter's wedding. The court found for the defendant.

300,000 Rooted Carnation Cuttings

NOW READY

☞ These low prices good only up to December 20th.

White:	Per 100	1000	5000
Queen Louise	$1.00	$10.00	$45.00
Flora Hill	1.00	10.00	45.00
Alba	1.40	12.50	60.00
Wolcott	1.00	10.00	45 00
Norway	1.00	10.00	45.00
White Cloud	1.00	10.00	45.00
Pink:			
Lawson	1.20	12 50	60.00
Marquis	1.00	10.00	45.00
Enchantress	3.50	30 00	....
Genevieve Lord	1.00	10.00	45.00
Mrs. Joost	1.00	10 00	45.00
Success	1.00	10.00	45.00
Mermaid	1.00	10.00	45.00
Cressbrook	1.00	10.00	45.00
McKinley	1.40	12.50	60.00

Scarlet:	Per 100	1000	5000
Crane, still ahead	$1.00	$10.00	$45.00
America	1.00	10.00	45.00
P. Palmer	1.00	10.00	45.00
Estelle	1.40	12.50	60.00
Crimson:			
Harlowarden	1.40	12.50	60.00
Gen. Gomez	1.00	10.00	45.00
Yellow:			
Golden Beauty	1.40	12.50	60.00
Eldorado	1.00	10.00	45.00
Variegated:			
Prosperity, fancy	1.40	12.50	60.00
Violania, still ahead	5.50	50.00	....
Marshall Field	1 40	12.50	60.00
Stella	1.40	12.50	60.00
Armazindy	1.00	10.00	45.00
Viola Allen	1.20	11.00	50.00

Unrooted Pips at half price of Rooted Cuttings.
25 at 100 or 1000 rates; 2500 at 5000 rate.
Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

California Carnation Company,
Lock Box 103. **LOOMIS, CAL.**
Mention The Review when you write.

200,000 ROOTED
Carnation Cuttings
NOW READY.

WHITE	Per 100	Per 1000
Queen Louise	$1.00	$10.00
Flora Hill	1.00	10.00
Gov. Wolcott	1.00	10.00
Alba	2.00	15.00
White Cloud	1.00	10.00
PINK		
Lawson	1.20	12.50
Marquis	1 00	10.00
Enchantress	3.50	30.00
Mrs. Joost	1.00	10.00
McKinley	1.40	12.50
Mermaid	1.00	10.00
Cressbrook	1.00	10.00

SCARLET	Per 100	Per 1000
Crane	$1.00	$10.00
America	1.00	10.00
Estelle	1.40	12.50
CRIMSON		
Harlowarden	1.40	12.50
YELLOW		
Eldorado	1.10	12.50
Golden Beauty	1.40	12.50
VARIEGATED		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Armazindy	1 00	10.00
Viola Allen	1.20	11.00

Unrooted Cuttings at one-half price of Rooted Cuttings.
Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

Loomis Carnation Co. LOCK BOX 115 **Loomis, Cal.**
Mention The Review when you write.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at **$16** per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, **$10** per 100 and from 2½-inch pots 6 to 8 inches high, **$12.50** per 100.

F. LUDEMANN,
3041 Baker Street,
San Francisco, Cal.
Mention The Review when you write.

CARNATION ROOTED CUTTINGS NOW READY

	100	1000
Queen Louise, fine white	$1.20	$10.00
Alba, large white	1.40	12.00
America, red	1.00	10.00
Mrs P. Palmer, big scarlet	1.20	10.00
G. H. Crane, scarlet	1.20	10.00
Eldorado, yel.	1.20	10.00
Marshall Field, barred	1.40	12 50
Armazindy, barred	$1 00	$10.00
Mrs. Joost, pink	1.20	10.00
Lawson, pink	1.40	12.50
Pres. McKinley, pink	1 40	12.50
Success, light pk.	1.20	10.00
Harlowarden, crimson	1.40	12.50
Gov. Roosevelt, crimson	1.40	12.50

Unrooted Cuttings one-half price. Terms—Cash with order or C.O D., with privilege of examining. Express prepaid at above prices. All plants warranted true to name and well rooted.

HERMITAGE CARNATION CO., Loomis, Cal.
Mention The Review when you write.

REES & COMPERE

POST OFFICE ADDRESS:
LONG BEACH, CAL., R. F. D. No. 1.

The Largest Growers of **FREESIA BULBS** in the U. S.

SPECIALTIES—Freesias, Grand Duchesse Oxalis, Bermuda Buttercup, Amaryllis Johnsonii and Belladonna, Gladioli, Ornithogalum, Zephyranthes Rosea and Candida, Chlidanthus Fragrans, Hybrid Tigridias, Chinese Narcissus, etc., etc.

ROCKFORD, ILL.—F. J. Johnstone has opened for business at Chapin court and Rural street, where he has invested $5,000 in new greenhouses.

BALTIMORE, MD.

Thanksgiving business was all that could be expected. I believe everybody here did a nice business, selling about all the stock there was to be had. At the Exchange business was better than any previous Thanksgiving. Everything sold out clean and considerable more could have been disposed of. Violets and good roses were the scarcest articles. This week has opened with good demand and stock a little short. Mums are practically done, Jerome Jones being the only variety of consequence now coming in. The Exchange is in receipt of the first shipment of sweet peas for the season. Paper Whites are beginning to arrive and sell very well. Prices advanced very little last week. Beauties going at $2 to $4 per dozen, teas at $4 to $8 per hundred, carnations at $1.50 to $3, violets 60 cents to 75 cents.

W. L. Kennedy, of Kennedy Bros., has opened a retail store at 702 N. Fremont avenue.

The thermometer registered as low as 16 degrees here early Monday morning, this being the coldest we have had here this season.

A. F.

TAUNTON, MASS.

Thanksgiving trade was fully as good as in 1903. The principal demand was for yellow chrysanthemums and pink and red carnations. White flowers moved more slowly, but practically everything cleared out. One of our local florists advertised a sale of $1 chrysanthemums for 25 cents on November 22 and warranted them to keep fresh until Thanksgiving! This did not affect the trade for good stock. There was a nice demand for pot plants and taken all in all business was very satisfactory.

W. N. C.

BOSTON BOWLERS.

The following are the scores made by the Boston seedsmen November 28:

Breck & Sons.	1st	2d	3d	T'l
Enholm	68	80	92	240
Dracey	72	81	71	224
Webber	76	68	84	228
Armstrong	74	75	83	232
Wheaton	83	88	86	257
Totals	373	392	416	1181

Schlegel & Fottler.	1st	2d	3d	T'l
Gates	94	78	81	253
Cahill	66	68	75	209
Fay	81	86	62	229
Woods	68	68	71	207
Guerinean	77	69	76	222
Totals	386	369	365	1120

CATALOGUES RECEIVED.

Shatemuc Nurseries, Barrytown, N. Y., plants; T. V. Monson & Son, Denison, Tex., nursery stock; Johnson & Musser Seed Co., Los Angeles, seeds; Crenshaw Bros., Tampa, Fla., seeds; E. S. Miller, Wading River, N. Y., bulbs and hardy plants; California Carnation Co., Loomis, Cal., carnation cuttings.

KANSAS CITY, MO.—S. Murray had a decoration for the Elks' ball Thanksgiving night when Convention hall was visited by another fire. His loss was about $600.

CYCLAMEN GIGANTEUM.

Large flowering plants, in bud and bloom, 4-inch, $10.00 per 100; 5-inch, $15.00 per 100.

Asparagus Plumosus Nanus, fine plants, 3-in., $3.00 per 100; 4-in., $7.00 per 100. Genistas, 3-in., $4.00 per 100. Primula Chinensis, 4-in., $6.00 per 100.

SAMUEL WHITTON, 15-17 Gray Ave. **UTICA, N.Y.**

Mention The Review when you write.

GERANIUMS Good strong stocky plants from 2¼-in. pots.

DOUBLE	Per doz.	Per 100	Per 1000
Brusanti, orange red	$.40	$2.00	
Centaure, beautiful rose pink	.40	2.00	$17.50
Comtess de Harcourt, pure white	.40	2.00	20.00
Double General Grant, vermilion scarlet	.40	2.00	17.50
Gloire de France, white pink shading	.40	2.00	17.50
Jean Viaud, bright rose pink	.40	2.00	17.50
Le Cid, dark scarlet crimson	.40	2.00	17.50
La Favorite, pure white	.40	2.00	20.00
Miss F. Perkins, light pink	.40	2.00	20.00
Miss Kendell, dark cerisette	.40	2.00	20.00
Mme. Charrott, rosy salmon pink	.40	2.00	
Mme. Barney, lovely rose pink	.40	2.00	
Mme. Buchner, white	.40	2.00	
Mme. Landry, beautiful apricot salmon	.40	2.00	17.50
Mme. Canovas, very dark maroon	.40	2.00	20.00
S. A. Nutt, deep scarlet crimson	.40	2.00	20.00
SINGLES			
Granville, bright rose pink	.40	2.00	17.50
L'Auba, pure white	.40	2.00	
Queen of the West, orange scarlet	.40	2.00	17.50
Single General Grant, crimson scarlet	.40	2.00	17.50

Special price for this week. Not less than 250 of any one variety of the following; $15.00 per 1000; 6000 for $100.00: Double General Grant, Gloire de France, Jean Viaud, Mme. Landry, Granville, and Queen of the West.

Send for our descriptive Geranium Catalogue.

Greenhouse Plants 2¼ in stock; not less than 5 of any one variety sold.

	Per 100	1000
Ageratums, dwarf white and Stella Gurney, 40c per doz	$2.00	
Alternanthera, red and yellow, in variety	2.00	$15.00
Alternanthera, rooted cutting	.60	5.00
Alyssum, dwarf and giant double, 40c per doz	2.00	
Aquilegia (Columbine), single mix'd.	3.00	
Coleus, good varieties	2.00	15.00
Ficus, 12 to 15 in. high, $2.00 per doz.		
Gaillardia Grandiflora	3.00	
Hardy English Ivy	2.00	15.00
Heliotrope, good varieties	2.00	
Hibiscus, 3 varieties	3.00	
Hollyhock, double white and mixed, 3 in. pots	3.00	
Holt's Mammoth Sage	2.00	15.00
Lemon Verbena	2.50	17.50

	Per 100	1000
Lantanas, 10 varieties	$2.00	$17.50
Maranta Massangeana	4.00	
Moonvines, white and blue, 50c doz.	3.00	
Plumbago, blue and white, 3 in. pots	3.00	
Rose, Marechal Niel, 3 in. pots	5.00	
Salvia, in variety	2.00	17.50
Smilax, strong	2.00	15.00
Swainsona Alba and Rosea	2.00	17.50
Sweet William, double mixed	3.00	

Write us for special price on large lots of any thing in this list.

DAHLIA ROOTS

Good selection of standard varieties, $5.00 per 100; $40.00 per 1000. Mixed $4.00 per 100: $35.00 per 1000. Send for list.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh, Md

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Chrysanthemum Stock Plants

$8.00 per hundred or $1.50 per doz.

WHITE—T. Eaton, Jerome Jones, White Bonnaface, Bergmann.

YELLOW—Henderson, Appleton, Thirkell, Mournier, C. J. Salter, P. Plumridge, Yellow Jones, Golden Wedding.

PINK—J. K. Shaw, Viviand-Morel, Silver Queen, Marion Newell.

Bassett & Washburn

76-78 Wabash Avenue, CHICAGO, ILL.

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Fine Field-Grown Carnation Plants.

	Per 100
Flora Hill, white	$ 6.00
Joost, pink	4.00
Mrs. E. A. Nelson, pink	6.00
McKinley, pink	6.00
Adonis, red	8.00
Out of all other varieties.	
Asparagus, 3-in. pots, very fine	5.00
Ficus, 6-in. pots	35.00
" 4-in. pots	22.50

Cash, please or reference.

WM. C. SMITH, Wholesale Florist,

61st and Market Sts., PHILADELPHIA, PA.

Asparagus

	Per 100
Plumosus Nanus, 2¼-in. pots; per 1000, $15.00;	$2.00

Pansy Plants

Large flowering, per 1000, $2.50 ..... .60

—CASH—

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New Hardy Annual

The Gold Medal carmine flowered tobacco plant. Silver Medal Mass. Hort. Society, Boston, Nov. 3, 1904.

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Seeds in original packets from all seedsmen throughout the United States.

Gold Medal London, 1903. Gold Medal Royal Horticultural Society of England, 1904. First-class Certificate and Barksian Medal by 24 members Floral Committee R. H. S.

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25 leading varieties, all under name, guaranteed true, including the best sorts in cultivation, such as Clifford W. Bruton, A. D. Livoni, Nymphaea, Lemon Giant, Fern Leaf Beauty, Snow Clad, White Swan, Frank Smith, etc.

We offer HEAVY FIELD CLUMPS, JUST AS DUG, $5.00 per hundred; $45.00 per thousand.

THE DINGEE & CONARD CO.

WEST GROVE, PA.

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COLOR LINE NOT AFFECTED.

Madison, N. J.

I desire to say that your Fumigating Powder has given me entire satisfaction. I have always found it very efficient in destroying insect pests and without injury to plants, and not affecting the color of flowers, which makes it valuable, especially in rose houses. See page 106.

WM. DUCKHAM.

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OUR IDEAS PAY!

Christmas Bells, all styles and sizes; Red Immortelle Wreaths, Holly, Magnolia and Beech Wreaths, Silver Vases. We especially recommend these. Cycas Leaves and Wreaths, Ruscus Wreaths, Large China Swans, Immortelles, Wheat Sheaves and all the Best Supplies.

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THE Florists' Supply House of America.
50, 52, 54 and 56 North Fourth Street, PHILADELPHIA.

ALPHA Christmas Bells!



Having received so many orders for **ALPHA BELLS** this year that we cannot promise delivery of any further orders received after December 1.

Patented March 15, 1904
No. 754,782

A medium priced Bell, but as good as the best that has ever been put on the market. Perfect and graceful in shape, bright and attractive in color. They are strongly and firmly made—easily handled—no chance for breakage.

L. WERTHEIMBER & CO.,

FOREIGN AND DOMESTIC SPECIALTIES
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MISTLETOE

5 lbs., $1.00; 10 lbs., $1.50; 25 lbs., $2.50
SATISFACTION GUARANTEED.
Write for Special Prices on large lots.
MRS. CEO. J. STARR, Wilson, N. C.

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L. B. BRAGUE,



Hinsdale, Mass.
WHOLESALE DEALER IN
Christmas Trees
AND
Baled Spruce
FOR CEMETERY USE.

Special attention paid to furnishing in car-load lots. Write for price list and terms.

ALSO WHOLESALE DEALER IN
EVERGREENS, CUT FERNS,
SPHAGNUM MOSS, Etc., Etc.

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TEXAS MISTLETOE

For Christmas decorations. Absolutely the finest in the land. Heavy rich green foliage, fine large white berry. Keeps well for 60 days after cutting. Can ship in quantities from a crate to car lot. Large size crate sent to any address by express on receipt of $1.00. Address

WILLIAM ANDERSON,
BROWNWOOD, TEXAS.

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The best Mistletoe grows in New Mexico. Sprays all heavily berried. Samples free if desired. We are prepared to quote wholesale prices delivered at any express office in the U. S. or Canada. : : : : : : : :

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Established 1881.

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1417 COLUMBIA AVE., PHILADELPHIA, PA.
LETTERING and NOVELTIES IN IMMORTELLES, etc.
Representing **A. Herrmann. Siebrecht & Son, L. H. Foster, D. B. Long.**
CORRESPONDENCE SOLICITED.

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WILD SMILAX RUSHED!

The best when you are rushed for $2.00 per 50 lb. case. Excellent well-berried **Holly**, $2.00 per 65 lb. case. **Long Needle Pines**, the very best, $5.00 per 100; 5c each. **Magnolia Sprays**, $2.00 per 50 lb. case. **Sabal Palm Crown**, $2.50 per doz.; leaves, $2.50 per 100. **Florida Grey Moss**, 10c per lb.; **Green Sheet Moss**, $2.00 per bag.

Telephone and Telegraph Office, Garland, Ala.
SOUTHERN WILDWOOD CO., GARLAND, ALA.

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MISTLETOE for the Holidays

GIVE US YOUR INQUIRIES.

The Walker Seed Co.
OKLAHOMA CITY, OKLA.

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HOLLY—Well Berried.

50 lb. cases.....$3 00
2 or more cases.....per case, 2.50

WILD SMILAX.

50 lb. cases.....$3 00
30 lb. cases..... 1.50

LONG NEEDLE PINES.

Per doz.....$1.25
3 doz. lots, per doz..... 1.00

Low Express. Prompt Service.
Cash With Order.

SQUARE DEAL WILD SMILAX CO.
EVERGREEN, ALA.

Mention The Review when you write.

BOUQUET GREEN

Best quality at **lowest rates.** We gather our own **Greens** and bring by our own boat direct.
Also **Christmas Trees.**

Northern Michigan Evergreen Nursery,
SCHOONER GEO. L. WRENN, H. Schuenemann, Capt.
S. W. Cor. Clark St. Bridge. CHICAGO.

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TOBACCO STEMS

Strong and fresh, bales 200 to 500 lbs., 75 cents per 100 lbs.
U. Cutler Ryerson, 108 3d Ave., Newark, N. J.

Mention The Review when you write.

Fred Burki

is the ideal Commercial White Carnation.

Its freedom of bloom coupled with its other meritorious qualities will commend it to the most conservative growers. You will make no mistake by growing FRED BURKI.

$12.00 per 100; $100.00 per 1000; 250 at 1000 rate.

JOHN MURCHIE,
SHARON, PA.

S. S. SKIDELSKY,
824 No. 24th St., Philadelphia.

WRITE FOR DESCRIPTIVE CIRCULAR.

Mention The Review when you write.

ST. PAUL.

Thanksgiving business was very good, with scarcely enough stock for the demand. Everything sold well, but violets were easily the leaders. Mums are nearly all gone and no one is sorry, for they are the cause of much work to the retailers and anxiety to the growers.

November has been one of the warmest on record. Nothing is just right with the growers. Roses all came in crop at once and could not be kept back; violets have not bloomed as they should; the plants look nice but blossoms are scarce; carnations are doing fairly well, but do not yield as they should.

During the summer one of the confectionery stores put in a cut flower stand and has been selling flowers regularly ever since. It is conducted by a Greek and flowers are sold cheap, most of them being shipped in.

Miss Dartt has built a violet house on the west side.

A. H. Bunde is running the place formerly conducted by W. J. Lempke.

H. E. Philpott, of Winnipeg, was a recent caller. X. Y. Z.

DETROIT.

George Leadley, the Woodward avenue florist, has bought an apartment building valued at $30,000, giving, it is stated, $10,500 cash and some real estate in exchange.

John Breitmeyer's Sons are going ahead with their plans for building as announced in the REVIEW several months ago. An eight story building 56x70 will be erected at a cost of $90,000. The lower floor will be used by the firm and the upper floors rented as offices. While rebuilding is going on the store will be removed to the building with the Michigan Cut Flower Exchange.

The Florists' Club went to Belle Isle park November 22 to inspect the new greenhouses erected there the past season.

Chrysanthemum Stock Plants.

White Fitzwygram, Opah, Willowbrook, 5c each. Monrovia, Omega, Robinson Halliday, Jerome Jones, Yellow Jones, Mrs. Weeks Appleton, Bonnaffon, Timothy Eaton, Yellow Eaton, Mrs. Perrin, Marion Newell, 8c each. Marie Liger Malcolm Lamond, Mlle. Douillet, Viviand-Morel, Fee du Champsaur, Golden Wedding, White Bonnaffon, White Maud Dean, Ida Barwood, Baden Powell, Mrs. Chamberlain, Silver Queen, Tancred Bastet, Lily Mountford C. J. Salter, Mrs. Coombes, Nellie Pockett, Mrs. T. W. Pockett, 15c each. Diederich, Globosa Alba, Lord Hopetoun, Ethelyn, Percy Plumridge, Harry Plumridge, Leila Filkins, Ben Wells, 25c each.

FERNS—Boston Ferns, 2½-in., $5.00 per 100; 3-in., 8c; 4-in., 15c; 5-in, 25c; 6-in, 50c; 7-in, $1.00, 8-in, $1.25.

Piersoni—2½-in, 8c. Cash or C. O. D.

W. J. & M. S. VESEY,
FORT WAYNE, IND.

Always mention the Florists' Review when writing advertisers.

The King of all Carnations, the New Scarlet Seedling

ROBERT CRAIG (WARD)

Has been Awarded the following honors:

PRELIMINARY CERTIFICATE..American Carnation Society
SPECIAL DIPLOMA.....American Institute of New York
First-class Certificate of Merit.....Mass. Horticultural Society
" " " .....Penn. " "
" " " .....New York Florists' Club
Craig Cup for the best undisseminated seedling....Philadelphia
G. Hartman Kuhn Special Prize, for best undisseminated seedling....Philadelphia

The largest, strongest stemmed, most vigorous, healthiest growing, most fragrant, and the best FANCY COMMERCIAL SCARLET CARNATION produced to date. Ranks with Enchantress and Fiancee, having defeated the latter variety in all competitions at Philadelphia.

The Ideal Christmas Carnation.

AN ENORMOUS BLOOM.

Just the color of the Christmas Holly Berry. An easy doer; anybody can grow it; Having already entered orders for 100 000 cuttings for delivery season of 1905, we are still booking orders subject to buyer's cancellation if dissatisfied with variety at any time up to December 1, 1905.

PRICES: $2.50 per doz.; $12 per 100; $100 per 1000.
2500 lots at $95 per 1000; 5000 lots at $90 per 1000.
10000 lots or more at $80 per 1000. Send your orders early to

C. W. WARD, Originator, Cottage Gardens Company, Inc. **Queens, N. Y.**

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Palmer's

Red Lawson

NOW READY!

SPORT FROM THE FAMOUS MRS. THOMAS LAWSON

Planted May 18th, in full crop middle of August

ROOTED CUTTINGS:
$10.00 per 100
$40.00 per 500
$75.00 per 1000

Ask your *Brother Florist* if he saw it at the Detroit Carnation Show. Ten to one he will say it's a good carnation to grow. **Received CERTIFICATE OF MERIT at Detroit Carnation Show—scoring 87 pts.**

W. J. Palmer & Son
Lancaster, N. Y.

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WM. DUCKHAM

Extra fine strong clumps, $1 per doz.
ALICE BYRON. $1 per doz.

CARNATIONS—Rooted Cuttings

White Lawson	$6.00 per 100,	$50.00 per 1000
Flamingo	5 00 "	40.00 "
Enchantress	3 50 "	30.00 "
The Queen	3 00 "	25.00 "
Fair Maid	3 00 "	25 00 "

Larchmont Nurseries, Larchmont, N. Y.

Mention The Review when you write.

50,000 CANNAS!

Forty leading varieties, $10.00 per 1000 and upwards. Write for list and prices.

THE DINGEE & CONARD CO., West Grove, Pa.

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Buckbee's Chrysanthemums Took the Leading Prizes at Flower Shows.

High Grade Stock Plants

25c Each; $2.50 Doz.	15c Each; $1.50 Doz.	10c Each; $1.00 Doz.
Mrs. H. W. Buckbee.	Alice Byron.	Mrs. E. Thirkell.
Percy Plumridge.	Convention Hall.	Mrs. T. W. Pockett.
Rockford.	C. J. Salter.	T. Carrington.
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S. T. Wright.	Donald McLeod.	Lily Mountford.
Thos. Humphreys.	Harrison Dick.	La Fusion.
Ben. Wells.	Mrs. J. C. Neville.	Goldmine.
F. A. Cobbold.	Maynell.	H. W. Buckbee.
Wildred Ware.	Henry Second.	Columbia.
William Duckham.	Mrs. T. Longley.	Nellie Pockett.

Forest City Greenhouses. **H. W. BUCKBEE, ROCKFORD, ILL.** Rockford Seed Farms.

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Chrysanthemum Novelties

We are headquarters for the best new varieties. Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Mileham, Lady Cranston, A. J. Miller, Mrs. D V. West, etc., etc. Complete list now ready. Send for a copy.

CHARLES H. TOTTY, MADISON, N. J.

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SPECIAL SALE
CHRYSANTHEMUM STOCK PLANTS.

Australie, A. J. Balfour, Alice Byron, Minnie Bailey Bentley, Chadwick, Convention Hall, Col. Powell, Lucy Deveau, Eaton, Yellow Eaton, Robt. Halliday, Marie Liger, Mrs. Coombes, Mrs. Emmerton, Mrs. Chamberlain, Mrs. Thirkell, Mrs. Pockett, Mrs. Tranter Mme. Herrewege, Mme. Nicollaud, Mme. Paola Radaelli, Millicent Richardson, Mounier, Golden Wedding, R. E. Richardson F. S. Vallis, Yanariva, **7c each.**

S. T. Wright, F. A. Cobbold, Mildred Ware, Mrs. Buckbee, Lily Mountford, Percy Plumridge, F. Molyneux, **15c each.**

Wm. Duckham Lei'a Filkins Ben Wells, Maynell; W. R. Church, Mrs. F. S. Vallis, **25c each.**

ASPARAGUS SPRENGERI
strong 2¼x3¼, $2.00 per 100.

Any number of plants at these figures but no order filled for less than $2.00.

W. A. CHALFANT, SPRINGFIELD, MO.

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Chrysanthemum Stock Plants

Wm. Duckham, 8 to 10 live shoots, $2.00 per dozen. Grown by FRITZ BAHR, Highland Park, Ill. Send orders to

E. F. WINTERSON CO.

45-47-49 Wabash Ave., Chicago.

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CHRYSANTHEMUMS. Stock Plants from Benches

Eaton, Chadwick Appleton, $1.50 per doz.
Alice Byron, Mrs. Jerome Jones, Yanoma, Yanariva, Superba, Golden Wedding, Gold Mine, Clara Goodman, Major Bonnaffon, W. H. Lincoln, Opha, $1.00 per doz.

Cash with order or satisfactory reference.

J. J. ARNOLD, Homer, N.Y.

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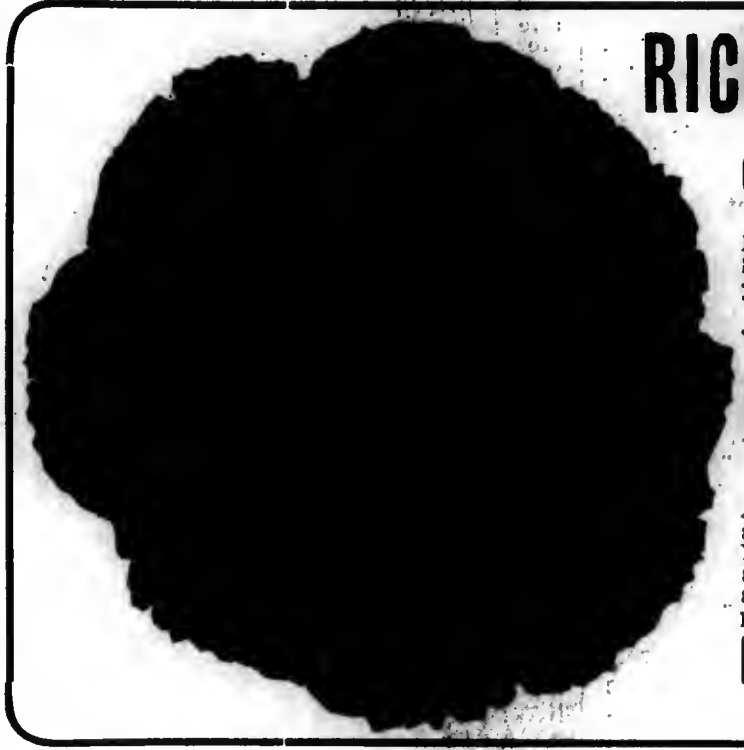
CLEARS THE HOODOO No. 13.

Poughkeepsie, N. Y.

Ship by freight 300 lbs. Fumigating Kind. We like it very much: we will use nothing else now in all of our 13 houses. See page 106.

HAGGERTY FLORAL CO.

Mention The Review when you write.



RICHMOND GEM
THE FINEST
COMMERCIAL SCARLET
Ever Introduced.

PLACE YOUR ORDERS EARLY.
SEND FOR CIRCULAR.
Per 100, $10; per 1000, $75.

WE MUST HAVE ROOM!
The following stock plants of

Mums For Sale
at a Bargain:

Wm. Duckham, Dr. Enguehard, A. J. Balfour, Alice Byron, white and yellow Golden Chadwick, Yellow Eaton, Appleton, Omega and Marion Newell, large clumps and in good health. Write for prices.

B. K. & B. FLORAL CO.
RICHMOND, IND.

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The Best Commercial Scarlet Carnation to be disseminated in January 1905, is

....CRISIS....

Write for descriptive circular. $2.00 per doz., $12.00 per 100, $100.00 per 1000. $95.00 per 1000 in 5000 lots. Prices on larger quantities on application.

DAVIS BROS. CO., Bloomsburg, Pa.

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CHRYSANTHEMUMS

STOCK PLANTS NOW READY.
LARGE, STRONG AND HEALTHY.

Glory Pacific, Polly Rose, Willowbrook, Ivory, Pink Ivory, $1.00 per dozen; $6.00 per 100. **Monrovia, Robt. Halliday,** $1.00 per dozen; $7.00 per 100.

Engagements solicited for rooted carnation cuttings. Delivery January 1st and later.

H. WEBER & SONS, - OAKLAND, MD.

Mention The Review when you write.

RED SPORT
The New "Bread .....and Butter" **RED** CARNATION.

If you are interested in a commercial red that there is money in, read our half page "AD" in Nov. 10 issue of The Florists' Review, page, 1282.

WE HAVE THE "REAL THING."

A. B. DAVIS & SON, Carnation Specialists, PURCELLVILLE, VA.

Mention The Review when you write.

CHRYSANTHEMUM SOCIETY.

Work of Committees.

Adelia, exhibited by John Breitmeyer's Sons, Detroit, Mich., before the Philadelphia committee, November 19, color white, Japanese, scored 84 commercial scale.

Majestic, exhibited by John Breitmeyer's Sons, at Philadelphia, November 19, color white, Japanese, tinted petals, scored commercial scale 79 points.

Madona, exhibited by Breitmeyer's Sons, Philadelphia, November 19, color pink, Japanese, scored commercial scale 80 points.

Mlle. Jeannie Nonin, exhibited by the E. G. Hill Co., Richmond, Ind., at Philadelphia, November 19, color white, Japanese, scored commercial scale 90, exhibition scale 87 points.

Souv. de Calvat Pere, exhibited by Henry Eichholz, Waynesboro, Pa., at Philadelphia, November 19, color white, slightly tinged with rose, Japanese, scored commercial scale 86, exhibition scale 87 points.

F. C. Miller, exhibited by Miller & Sons, of Bracondale, Ontario, at Chicago, November 26, white tinted lemon, incurved, scored 90 points.

Fred H. Lemon, Secy.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

Alexander Klokner, Wauwatosa, Wis., submits for registration seedling Chrysanthemum Mrs. A. Klokner, color, pink in the way of Viviand-Morel.

Wm. J. Stewart, See'y.

Cromwell, Conn.—W. R. Pierson is planning a trip to California this winter.

New Bedford, Mass.—W. G. Kroeber takes exception to the statement recently made that the flower business is overdone here. He says that there is as much money in the business here as anywhere, all depending on the man who runs the business.

LATANIA PALMS.

6-in., 2 and 3 plants to pot ..... $ 9.00 per doz
7-in., 1 plant to pot. 7 to 9 leaves.. 12.00 per doz.
8-in., 1 plant to pot, 7 to 10 leaves, 2½ to 3½ feet in height and diameter ..... 18.00 per doz.

.....ARECAS.....

4-in., 2 and 3 plants to pot, standing 2 ft.. $4.00 doz
6-in., 2 and 3 plants to pot, standing 3 ft., 9.00 doz

J. W. COLFLESH,
53rd St. and Woodland Ave., PHILADELPHIA.
Mention The Review when you write.

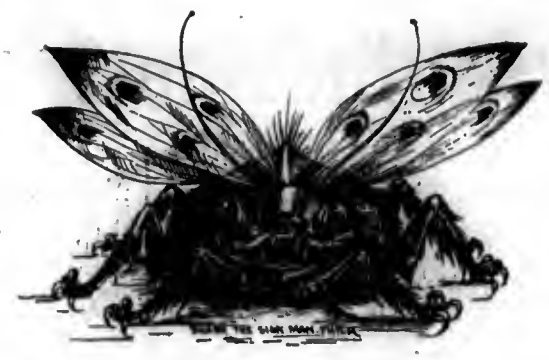
ORCHIDS

Our Stock of Established and Semi-established Orchids is the **ACME** of perfection this season. Many in sheath and spike. Write for Catalogue.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**
Mention The Review when you write.

2,000 Boston ferns, fit for 5 and 6-in. pots, 15c and 20c each, fine stock, well grown stock in full light. Piersoni Fern for 7-in., 35c; for 6-in., 25c. PLUMOSUS NANUS, 4-in., fine, 8c; 3½-in., 6c. Crimson Ramblers, for Easter: 2-year, 15c; 1-year, 10c. Cash please.

BENJ. CONNELL, West Grove, Pa.
Mention The Review when you write.



A prosperous florist is like the bee, never idle.

HOLIDAY PLANTS NOW READY.

Importers and Headquarters for the Beautiful Plants.

Araucaria excelsa cheaper and better than anywhere else. Have the largest stock in Philadelphia. No seedlings, but raised from top cuttings in Belgium only. 5½-inch pots, 12 to 15 inches high, 3 to 4 tiers, 60 cents; 5½ to 6-inch pots, bushy plants, 4 to 5 tiers, 15 to 20 inches high, 75 cents; 6-inch pots, 20 to 25 inches high, 5 tiers, $1 each; 6-inch pots, specimen plants, as broad as long, $1.25 to $1.50 each.

Ficus elastica or rubber plants, home grown and imported. Have enough to meet all wants in excellent condition—better than ever—nicely staked up, 6-inch pots, 20 to 30 inches high, having from 16, 20, 25 to 30 perfect leaves to the plant, $4, $5 and $6 per dozen. Specimens 6 to 7-inch pots, 30 to 36 inches high, 75 cents to $1.00 each.

Azalea indica for Christmas blooming are now ready for shipment, strong color. Deutsche Perle, pure double white, Simon Mardner, double deep pink. Vervaeneana large double rose pink. Only selected plants full of buds are raised for Christmas forcing. Price 75 cents, $1, $1.25 to $1.50 each.

Kentia Forsteriana made up plants, 3 in 4-inch pots, 20 inches high, only 20 cents. Kentia Belmoreana and Forsteriana, 6-inch, 30 to 40 inches high, $1.00 each. Kentia Forsteriana, made up, 6-inch pots, 6 inches high, 3 in a pot, $1.25 each. Belmoreana and Forsteriana, 7-inch pots, 40 to 48 inches high, each $1.50.

Latania borbonica, healthy stock, 5 to 6 leaves, 50 cents.

Boston ferns, 6-inch, 2 feet high, 18, 20 to 25 fronds, 40 to 50 cents; 5 and 5½-inch pots, 25, 30 and 35 cents; large 3-inch, 15 cents; 7-inch, as large as a bushel basket, 75 cents to $1.00; 8 to 9 inches, as big as a wash tub, $1.25 to $1.50 each.

Areca lutescens, made-up plants, large, 5-inch pots, 3 in a pot, 30 cents; 5½-inch pots, 50 cents; 6-inch pots, 30 inches high, 3 in a pot, 75 cents.

Asparagus plumosus nanus, 3-inch, strong, $6.00 per 100; 4-inch pots, bushy, at the rate of $10.00 per 100.

Cocos Weddeliana, large, 3-inch, 15 cents.

Ferns, all kinds for dishes, $5.00 per 100; 3-inch, $7.00.

Holly ferns, 3-inch, 10 cents.

Pierson ferns, large, 4-inch, 25 cents.

Primula Chinensis, never so nice as this time; 5¼-inch pots, in bud and bloom, $2.00 per dozen.

Solanum Jerusalem cherries, 6-inch pots, full of berries, $2.00, $2.50 to $3.00 per dozen.

Begonias, 5½-inch, President Carnot, Metallica, and others, $2.00 per dozen.

Dracaena Bruanti, 6-inch pots, 25 inches high, leaves from top to bottom, 50 cents.

Phoenix canariensis, 4 feet high, 4 feet wide, 15 perfect leaves, good for decoration, $2.00 each, worth $5.00.

Chrysanthemum stock plants. Timothy Eaton, Pennsylvania and Col. Appleton, $5.00 per 100.

Small Sago palms, Cycas revoluta, Adiantum Maiden Hair ferns, 4-inch primroses, acorus or variegated grass, and the azaleas for Easter.

One of 100 different testimonials:

Cincinnati, Ohio, Sept. 29, 1904.

Mr. Godfrey Aschmann:

Dear Sir—Many thanks for the prompt delivery and for the fine stock. The plants arrived all right, and were very satisfactory; the palms were very nice, and were packed securely. We are also greatly obliged for the price list of plants for Xmas, and should we decide to buy any, we would surely call upon you. Yours very truly, HOFFMEISTER FLORAL COMPANY,
813 Elm Street, Cincinnati, Ohio.

Cash with order, please. All goods shipped at purchaser's risk.

GODFREY ASCHMANN, Wholesale Grower and Importer of Pot Plants.
Bell Phone Tioga 3669A.
1012 Ontario Street, PHILADELPHIA, PA.
Mention The Review when you write.

ASPARAGUS PLUMOSUS NANUS!

Strong, 2¼-inch.....per 100, $2.00 per 1000, $15.00
Strong, 3-inch.....per 100, 3.00 per 1000, 22.00

50,000 New Crop ASPARAGUS PLUMOSUS NANUS SEED

$5.00 per 1000 Seeds; $20.00 per 5000 Seeds. Send for sample free.

Express Prepaid at Above Prices. CASH.

MITTING & LINFOOT
317 N. Vermilion, DANVILLE, ILL.
Mention The Review when you write.

	Per 100
RUDBECKIA, Extra choice, large clumps	$5.00
ASPARAGUS SPRENGERI, Extra quality, 2½-in. pots	2.00
SPARAGUS PLUMOSUS, Extra quality, 2¼-in. pots	2.50
ASPARAGUS PLUMOSUS, Extra quality, 3-in. pots	4.00

Above prices cash with order.

JOHN BROD, Niles Center, Illinois
Mention The Review when you write.

Boston Ferns

Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots, at 25c, 50c, 75c, $1.00 per 100.

KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS

Cash or reference please.

L. H. Foster, 45 King St. **Dorchester, Mass.**
Mention The Review when you write.

Boston Ferns From bench, $1.50 to $10 per 100

Cannas In twenty best varieties, at $2.00 per hundred.

ASPARAGUS Sprengeri—Own stock, in fine shape, 2-inch at 2c; 2½-inch at 3c.

W. W. COLES, Kokomo, Ind.
Mention The Review when you write.

ASP. PLUMOSUS NANUS, 3-in., per 100....$4.50
CIGAR PLANT (Cuphea), 2-in., " 2.00
CRYPTOMERIA JAPONICA, 2-in., per 100 5.00
" " 4-in., " 10.00
SMILAX, 2-in., 75c per 100; Seedlings, 25c per 100
SELAGINELLA, 2-in., $2 25 per 100.
PELARGONIUMS, 2-in., mixed $3.00 per 100.
MIGNONETTE, (Matchet), 2-in., $2.00 per 100.

E. I. RAWLINGS, - Quakertown, Pa.
Mention The Review when you write.

BOSTON AND PIERSON FERNS.

We have about ten thousand feet of glass devoted to these and are crowded for room. To move our surplus we will give you extra value. Send for a sample lot. They are in from 6 to 10 inch pots and we will sell them at $6.00, $8.00, $9.00, $12.00, $15.00 and $18.00 per dozen.

FARFUGIUM GRANDE.

Our stock is finely variegated and in tip top shape. Price, 4-inch pots very bushy, $15.00 per 100; 5-inch pots extra fine; $20.00 per 100.

BOSTON AND PIERSON FERNS.

We can supply rooted runners of these two valuable ferns at $2.00 per 100; $17.50 per 1000, as long as stock lasts. Order at once.

We Want stock plants of **Chrysanthemums Bonnie Dundee and Old Homestead.**

If you half a dozen or more to offer, let us know price. We will sue for damages if they are not true to label.

Special. Watch this list every week. We will offer the surplus from one house each week, at prices which ought to sell it. It will be offered only once. Something else next week. Price subject to stock being unsold. All first-class, in good condition, unless otherwise noted. Terms, "Prompt Cash."

Address MICHEL PLANT and BULB CO., St. Louis, Mo.

Mention The Review when you write.

50,000

ROOTED CUTTINGS

Graniums—The "Six Kings" for bedding. S. A. Nutt, (D. crimson), Paul Bruant, (D. scarlet), J. Viaud (D. pink), Beaute Poitevine, (Dbl. salmon), Mrs. E. G. Hill, (Single salmon), Mme. Buchner, (D. white). Large top cuttings, well rooted, $1.50 per 100; $14.00 per 1000.

Petunias—Double Fringed. We are headquarters for these. Six distinct novelties, labeled, $1.25 per 100; $10.00 per 1000.

Salvias—The two best. Drooping Beauty, (dwarf), Bonfire, (tall), 75c per 100; $7 00 per 1000.

Asparagus Sprengeri—(Special). Nice plants from 2-inch pots. $1.25 per 100; $12.00 per 1000.

Asparagus Plumosus Nanus—Plants from 3-inch pots, $3.00 per 100.

Carnations—Don't buy until you see our list.

THE W. T. BUCKLEY CO., SPRINGFIELD, ILL.

Mention The Review when you write.

BEGONIA

GLOIRE DE LORRAINE

Fine Stock—2-inch, 10c; 3-inch, 20c; 4-inch, 40c; 5-inch, 75c; 6-inch, $1.00.
Safe Arrival Guaranteed.

A. JABLONSKY, WELLSTON, ST. LOUIS, MO.

Mention The Review when you write.

BOSTON FERNS!

2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.
Piersoni, 3-in., $6.00; 6-in., $35.00; 7-in., $50.00 per 100.
Plumosus, 2½-in., $3.00 per 100.

DAVIS BROS.,
Morrison, Ill., and Geneva, Ill.

Mention The Review when you write.

NEPHROLEPIS SCOTTII

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time. Prices—6-in. pot-grown, ready for 8-in., $15 00 per doz.; 7-in. pot-grown, $24.00 per doz.; 8-in. pot-grown, $36.00 per doz.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

Mention The Review when you write.

PALMS

JULIUS ROEHRS, Rutherford, New Jersey.

Mention The Review when you write.

YOUR CHANCE

TO SECURE
FIELD-GROWN CARNATIONS CHEAP.

Strong plants of
MRS. T. W. LAWSON, AVONDALE and NORWAY
at $3.00 per 100; $25.00 per 1000.

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.
CARNATIONS OUR SPECIALTY

Mention The Review when you write.

FIELD-GROWN

CARNATION PLANTS.

Send for my list of varieties and prices.

SOL GARLAND, Jr., Des Plaines, Ill.

Mention The Review when you write.

PELARGONIUMS

Rooted cuttings, 15 varieties, $2.25 per 100.
Orders booked for the following: Verbenas, Petunias, Salvias, Ageratums, Daisies, Heliotrope, Feverfew, Coleus. All R. C. Express prepaid.

Write S. D. BRANT
The Clay Center Florist, **Clay Center, Kan.**

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

TO CLOSE OUT

Christmas Peppers From 4-in. Pots. Full of Berries.

Special price, **60c per dozen.**

W. P. Ranson, Junction City, Kansas.

Mention The Review when you write.

Fine Stock Cheap,

TO MAKE ROOM.

	Per 100	Per 1000
Weeping Lantanas, 2½-in.	$2.00	$18.00
Lantanas, 5 sorts, 2½-in.	2.00	18 00
German Ivy, 2½-in.	2.00	18.00
Heliotrope, 4 sorts, 2½-in.	2.00	18.00
Abutilons, 6 sorts, 2½-in.	2.00	18.00
Oleander, double white and pink, 2½-in.	4.00	
Cestrum Parqui, 2½-in.	2.00	
Asparagus Sprengeri, 2½-in.	2.00	18 00
" **Plumosus,** 2½-in.	2.50	20.00
Daisy, white and yellow, 2½-in.	2.00	
Salvia Splendens, 2½-in.	2.00	
Violets, Lady Hume Campbell, Luxonne, Swanley White, California, and Princess of Wales, 2½-in. ready December 1st	2.00	18 00
Rooted Coleus cuttings, 15 sorts, ready December 5th		6.00

We have fine rose stock, 2½-in., 175 varieties. Write for prices.

THE SPRINGFIELD FLORAL CO.
SPRINGFIELD, OHIO,

Mention The Review when you write.

Early New Rose Cuttings

of the very best wood, following varieties: La Detroit, Gen. McArthur, Pres. Carnot, Belle Siebrecht, Perle, La France, Maids, Brides, Woottons.

We Are Selling Agents for
GIBSON BEAUTY and WHITE SWAN

Carnations. Shall be pleased to have you correspond with us in regard to prices.

FERNS

We are headquarters in the West for these, as well as Plumosus and Sprengeri. All sizes.
Write—

GEO. A. KUHL, PEKIN, ILL.

Mention The Review when you write.

No. 1 FIELD-GROWN

CARNATION PLANTS

Queen Louise	$4.00	per 100;	$35.00	per 1000
Enchantress	7.00	"	65.00	"
Norway	4.00	"	35.00	"
Prosperity	5.00	"	40.00	"

W. E. HALL, - CLYDE, OHIO.

Mention The Review when you write.

TIP TOP TALK.

Kansas City, Mo.

I desire to state that the Fumigating Kind Tobacco Powder gives perfect satisfaction. I consider it the best thing I have ever used for fumigating green fly and thrips. See page 106.

A. F. BARBE.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilons, 6 sorts, 2½-in., $2.00 100, $18.00 1000. Springfield Floral Co., Springfield, O.

ADIANTUMS.

Adiantum hybridum, Ley's maidenhair. Grows fronds 2 to 3 ft. long by 18 in. wide. 12 strong, 2-in. pot plants, postpaid. $1.25; 25 strong, 2-in. pot plans, postpaid, $2.00; 100 strong, 2-in. pot plants, express paid, $7.50.
A. Ley & Bro., North Langdon, D. C.

Adiantum cuneatum, fine, bushy plants, 4-in., $12.50 100; 3-in., $6.00 100; $55.00 1000.
Frank Eskesen, Madison, N. J.

AGERATUMS.

Ageratums, Stella Gurney and dwarf white, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

ALYSSUM.

Alyssum, dwarf and giant double, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

Sweet alyssum, double, 2-in., $2.00; rooted cuttings, $1.00 per 100. L. Mosbaek, Onarga, Ill.

Alyssum, double giant, fine 2-in., 2c, cash. See pansies. Byer Floral Co., Shippensburg, Pa.

ALTERNANTHERAS.

Alternantheras, red and yellow, in variety, 2¼-in., $2.00 100, $15.00 1000; rooted cuttings, 60c 100, $5.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternanthera brilliantissima, the finest red out, 75c doz.; by mail, $1.00. Cash, please.
A. J. Baldwin, Newark, O.

Alternantheras, red and yellow; August rooted cuttings, $5.00 per 1000; by mail, 65c per 100. Ludvig Mosbaek, Onarga, Ill.

ARAUCARIAS.

Araucaria excelsa. Largest stock in Phila. No seedlings, all were grown in Belgium from top cuttings. 5½-in. pots, 12 to 15 inches high, 3 to 4 tiers, 60c; 5½ to 6-in. pots, bushy plants, 4 to 5 tiers, 15 to 20 inches high, 75c; 6-in. pots, 20 to 25 inches high, 5 tiers, $1.00 each; 6-in. pots, specimen plants, as broad as long, $1.25 to $1.50 each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

ASPARAGUS.

50,000 Asparagus plumosus nanus, strong plants from bench, $8.00 per 1000; from 2½-in. pots, $16.00 per 1000, cash. Prepaid.
S. B. Ritter, Port Royal, S. C.

Asparagus plumosus, 2¼-in., $2.50; 3-in., $4.00. Sprengeri, 2¼-in., $2.00; 3-in., $3.00. Fine and pot-bound ready to shift.
S. M. Harbison, Danville, Ky.

Asparagus plumosus nanus, fine bushy stock from 2½-in. pots, $3.00; from 3-in. pots, $5.00; from 3½-in. pots, $8.00 per 100.
Paul Mader, East Stroudsburg, Pa.

Asparagus plumosus nanus, 2 years old, from 4-inch, extra strong pot bound, $10.00 100; 3-inch, $6.00 100. Cash, please.
John R. Shreiner, Lancaster, Pa.

Asparagus plumosus nanus, strong 2¼-in., $2.00 100; $15.00 1000; 3-in., $3.00 100; $22.00 1000. Express prepaid. Cash.
Mitting & Linfoot, Danville, Ill.

Asparagus Sprengeri, extra quality, 2½-in., $2.00 100. A. plumosus, extra quality, 2¼-in., $2.50 100; 3-in., $4.00.
John Brod, Niles Center, Ill.

Asparagus plumosus nanus, true, extra value, 2½-inch, $3.00 100; $25.00 per 1000; 3-inch, $5.00 100. Cash.
W. A. Wettlin, Hornellsville, N. Y.

Asparagus plumosus nanus, 3-in., strong, $6.00 100; 4-in. pots, bushy, at the rate of $10.00 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

Asparagus Sprengeri, 2½-in., $2.00 100, $18.00 1000. A. plumosus nanus, 2½-in., $2.50 100; $25.00 1000. Springfield Floral Co., Springfield, O.

Asparagus Sprengeri, 2-in. pots, $1.25 100; $12.00 1000. A. plumosus nanus, 3-in., $3.00 100. The W. T. Buckley Co., Springfield, Ill.

A. plumosus nanus, strong, 2-in., 2½c; $22.50 per 1000; 3-in., 5c. Sprengeri, 2-in., 2c. Cash.
Byer Bros., Chambersburg, Pa.

Asparagus comorensis, large plants in 4-inch pots, already climbing, $10.00 per 100. Cash.
Tong & Weeks, Ashtabula, Ohio.

Asparagus Sprengeri, strong 2¼x3¼, $2.00 100. No order for less than $2.00.
W. A. Chalfant, Springfield, Mo.

Asparagus plumosus nanus, fine plants, 3-in., $3.00 100; 4-in., $7.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, strong, 2-in., $2.00 per 100; $15.00 per 1000.
White's Conservatory, Sandusky, Ohio.

Asparagus plumosus nanus, 2¼-in. pots, $2.00 100, $15.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus, 2-in., $2.00 per 100. Cash.
M. & S. L. Dysinger, Albion, Mich.

Asparagus plumosus nanus, 2½-in. pots, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus nanus, 4-in., fine, 8c; 3½-in., 6c. Benj. Connell, West Grove, Pa.

10,000 Asparagus plumosus, 3-in., $3.00 100. Cash. Lewis Ullrich, Tiffin, Ohio.

Heavy Sprengeri, 3 and 4-in., at 2½c and 5c. Cash. Roney Bros., West Grove, Pa.

Asparagus plumosus nanus, strong, 4-in., $8.00 per 100. L. Mosbaek, Onarga, Ill.

Asparagus, 3-in., very fine, $5.00 100.
Wm. C. Smith, 61st & Market Sts., Phila.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Plumosus, fine, strong 3-in., $5.00 100.
C. Winterich, Defiance, Ohio.

Asparagus Sprengeri, 2-in., 2c; 2½-in., 3c.
W. W. Coles, Kokomo, Ind.

Asparagus plumosus nanus, 3-in., $4.50 100.
E. I. Rawlings, Quakertown, Pa.

Asparagus Sprengeri, 3-in. pots, $4.00 100.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Asparagus plumosus, 2½-in., $3.00 100.
Davis Bros., Geneva, Ill.

ASPIDISTRAS.

Aspidistra lurida, 6 to 10-in. plants, 4c per leaf. Wm. Clark, Colorado Springs, Colo.

The CHEAPEST way, the EASIEST way, and the BEST WAY to get rid of that surplus stock is to use the REVIEW'S classified advs.

AZALEAS.

Azalea indica for Christmas blooming. Deutsche Perle, pure double white; Simon Mardner, double deep pink. Vervaeneana, large double rose pink. Selected plants full of buds, 75c, $1.00, $1.25 to $1.50 ea.
Godfrey Aschmann, 1012 Ontario St., Phila.

BANANAS.

Bananas, dormant plants, well cured, 3 ft., $1.50 doz.; 4 ft., $2.50 doz.; 5 ft., $4.00 doz.; 6 ft., $7.00 doz.; 7 ft., $10.00 doz. What have you to exchange?
W. L. McCart, Fort Worth, Texas.

BEDDING PLANTS.

Geraniums, ivy geraniums, fuchsins, dbl. petunias, heliotropes, etc., $6.00 1000. Express prepaid on all orders received on or before December 15, 1904.
California Product Co., 55 Ellis St., San Francisco, Cal.

BEGONIAS.

Begonia Gloire de Lorraine, fine stock; safe arrival guaranteed; 2-in., 10c; 3-in., 20c; 4-in., 40c; 5-in., 75c; 6-in., $1.00.
A. Jablonsky, Wellston, St. Louis, Mo.

Begonias Argenteo-guttata, speculata, rubra and several other good varieties, 40c per doz., $2.50 per 100. Harmon & Henderson, Iola, Kan.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonias, Pres. Carnot, metalica, and others, 5½-in., $2.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Begonia metallica and Pres. Carnot, strong, 2½-inch, $3.00 per 100.
C. M. Niuffer, Springfield, Ohio.

BERRIED PLANTS.

Christmas peppers, full of fruit, 4 and 5-in., $5.00 and $7.00 per 100. Jerusalem cherries, 5-in., 6-in., and 7-in., very fine, $1.00 to $2.50 per doz. J. C. Schmidt Co., Bristol, Pa.

Jerusalem cherries, some extra fine select plants left, full of berries, 4-inch, 6c and 8c; 5 to 5½-inch, 10c to 12c each; none finer.
Wm. S. Herzog, Morris Plains, N. J.

Jerusalem cherries, 3-inch, 50c per doz., $3.00 per 100. Xmas (celestial) peppers, 75c per doz., $5.00 per 100.
Harmon & Henderson, Iola, Kan.

Christmas peppers from 4-in. pots, full of berries; special price to close out, 60c per doz.
W. P. Ranson, Junction City, Kans.

2000 Christmas peppers full of green and red fruits, 75c doz.; $6.00 100. Cash.
C. W. Kline Floral Co., Leavenworth, Kan.

Celestial peppers full of fruit, fine plants, from 4-in., $10.00 100. Cash.
John R. Shreiner, Lancaster, Pa.

Jerusalem cherries, full of berries, 6-in. pots, $2.00, $2.50 to $3.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

BULBS.

SPECIAL PRICES ON BULBS to close out. These bulbs are first-class and are a genuine bargain. If started now they will flower readily for Easter, which will be late this season: April 23, 1905.

LILIUM LONGIFLORUM multiflorum, 7x9, 300 in a case, $13.20 per case, $44.00 per 1000; 9x10, 200 in a case, $14.60 per case, $73.00 per 1000; 10x12, 170 in a case, $17.50 per case, $100.00 per 1000.

LILIUM HARRISII, Japan-grown (the true kind, fine strain), 9x11, $14.00 per 100.

CALLAS, selected, $5.50 per 100; $50.00 per 1000. Nice round bulbs, suitable for a 6-in. pot.

FRENCH FREESIAS, mammoth size, pure white, $5.00 per 1000; former price, $8.00 per 1000.
Henry F. Michell Co., 1018 Market St., Phila.

Japanese lilies in splendid condition.

	100	1000
Auratum, 8x9, (130 to case)	$4.75	$42
Auratum, 9x11, (100 to case)	7.00	67
Spec. album, 8x9, (220 to case)	7.00	67
Spec. rubrum, 8x9, (220 to case)	5.50	52
Spec. melpomene, 8x9, (220 to case)	6.00	55

Johnson & Stokes, 217-219 Market St., Phila.

BULB BARGAINS. White Roman hyacinths, 12 to 15 cms., $2.50 100, $23.00 1000, case of 2,000, $45.00; 13 to 15 cms., $3.00 100, $27.50 1000, case of 1,600, $43.20.

Tulips, mixed, single or double; superfine, large bulbs, 65c 100, $6.00 1000.
A. T. Boddington, 342 West 14th St., New York.

Tulips La Reine, La Candeur, Chrysolora, Yellow Prince and Keizerskroon. Double-nose Von Sion, 1st size Von Sion, Paper White narcissus grand., 13 cms. up. Amaryllis and spiraea bulbs. Write for prices.
D. Rusconi, 32 W. 6th St., Cincinnati, O.

Tulips Artus, $1.00 100; $9.50 1000. La Reine, 80c 100; $7.00 1000. Cottage Maid, $1.00 100; $9.00 1000. Single early—Duc Van Thol, scarlet, $1.00 100; $9.50 1000. Yellow Prince, $1.00 100; $8.00 1000.
Stumpp & Walter Co., 50 Barclay St., N. Y.

Tuberous rooted begonias, single, sep. colors, $3.00 100, $27.50 1000; finest mixed, $2.75 100, $25.00 1000. Double, in 5 separate colors, $4.00 100; $37.50 1000; finest mixed, $3.75 100; $35.00 1000. N. Le Page, Mt. Vernon, N. Y.

If you want fine Mexican bulbs, see adv. under the heading of Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

We are the largest growers of FREESIA bulbs in the United States. Write us.
Rees & Compere, Long Beach, Cal.

Chinese Sacred lilies, Japan-grown callas on hand now. Prices on application.
Suzuki & Iida, 31 Barclay St., N. Y.

Lilium auratum and speciosum, all sorts. Write
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Calla bulbs, dahlias and cannas. Write us.
California Product Co., 55 Ellis St., San Francisco, Cal.

Surplus bulbs at low prices to close out. Write W. C. Beckert, Allegheny, Pa.

Narcissus Emperor and Empress, $2.25 100.
The B. L. Bragg Co., Springfield, Mass.

CACTI.

If you want fine CACTI see adv. under heading Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

CAMELLIAS.

Camellia plants in sorts; best German grower; spring delivery. Address A. Rolker & Sons, New York, 31 Barclay St., or P. O. Box 752.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now.
Florists' Pub. Co., Chicago.

CANNAS.

We have about 300 clumps of the old-fashioned tall-growing canna, extra large clumps, just as they were dug; each clump will make five divisions, 50c per doz., $3.50 per 100.
Wm. Scott Co., Corfu, N. Y.

Cannas, 40 leading varieties, $10.00 1000 and upwards. Write for list and prices.
Dingee & Conard Co., West Grove, Pa.

Cannas in 20 best varieties, $2.00 100.
W. W. Coles, Kokomo, Ind.

CARNATIONS.

Rooted carnation cuttings. Now ready.

	100	1000	5000
White			
Queen Louise	$1.00	$10.00	$45.00
Flora Hill	1.00	10.00	45.00
Alba	1.40	12.50	60.00
Wolcott	1.00	10.00	45.00
Norway	1.00	10.00	45.00
White Cloud	1.00	10.00	45.00
Pink			
Lawson	1.20	12.50	60.00
Marquis	1.00	10.00	45.00
Enchantress	3.50	30.00	
Genevieve Lord	1.00	10.00	45.00
Mrs. Joost	1.00	10.00	45.00
Success	1.00	10.00	45.00
Mermaid	1.00	10.00	45.00
Cressbrook	1.00	10.00	45.00
McKinley	1.40	12.50	60.00
Scarlet			
Crane	1.00	10.00	45.00
America	1.00	10.00	45.00
P. Palmer	1.00	10.00	45.00
Estelle	1.40	12.50	60.00
Crimson			
Harlowarden	1.40	12.50	60.00
Gen. Gomez	1.00	10.00	45.00
Yellow			
Golden Beauty	1.40	12.50	60.00
Eldorado	1.00	10.00	45.00
Variegated			
Prosperity, fancy	1.40	12.50	60.00
Violania	5.50	50.00	
Marshall Field	1.40	12.50	60.00
Stella	1.40	12.50	60.00
Armazindy	1.00	10.00	45.00
Viola Allen	1.20	11.00	50.00

25 at 100 or 1000 rate. 2500 at 5000 rate. Express prepaid. Cash or C. O. D. with privilege of examining at express office.
California Carnation Co., Loomis, Cal.

Carnation rooted cuttings.

White	100	1000	Scarlet	100	1000
Q. Louise..	$1.00	$10.00	Crane	$1.00	$10.00
F. Hill....	1.00	10.00	America ..	1.00	10.00
Alba	1.40	12.50	P. Palmer.	1.00	10.00
Wolcott ..	1.00	10.00	Estelle ...	1.40	12.50
Norway ...	1.00	10.00	Manley ...	1.50	15.00
L. Pond...	1.40	12.50	Apollo	1.50	15.00
Chicot	1.20	10.00	Yellow		
Pink			G. Beauty.	1.40	12.50
Lawson ...	1.40	12.50	Eldorado...	1.00	10.00
Enchantress	4.00	35.00	Variegated		
Joost	1.00	10.00	Prosperity.	1.40	12.50
Success ...	1.00	10.00	M. Field...	1.40	12.50
Mermaid...	1.00	10.00	Stella	1.40	12.50
Cressbrook.	1.00	10.00	Armazindy.	1.00	10.00
McKinley .	1.40	12.50	V. Allen...	1.20	11.00
Mrs. R'sev't	1.40	12.50	Gaiety	1.20	11.00

Crimson—Harlowarden, $1.40 100; $12.50 1000. G. Roosevelt, $1.20 100; $10.00 1000. Special prices on large lots. Unrooted pips at half price. 25 at 100 rate; 250 at 1000 rate. Express prepaid. Cash or C. O. D. with privilege of examining.
Loomis Floral Co., Loomis, Cal.

Rooted carnation cuttings now ready.

White	100	1000	Scarlet	100	1000
Q. Louise..	$1.00	$10.00	Crane	$1.00	$10.00
F. Hill....	1.00	10.00	America ..	1.00	10.00
Gov. Wolc't	1.00	10.00	Estelle	1.40	12.50
Alba	2.00	15.00	Crimson		
W. Cloud..	1.00	10.00	Harlow'den	1.40	12.50
Pink			Yellow		
Lawson ...	1.20	12.50	Eldorado ..	1.00	10.00
Marquis ..	1.00	10.00	G. Beauty.	1.40	12.50
Enchantress	3.50	30.00	Variegated		
Joost	1.00	10.00	Prosperity.	1.40	12.50
McKinley..	1.40	12.50	M. Field...	1.40	12.50
Mermaid ..	1.00	10.00	Armazindy.	1.00	10.00
Cressbrook.	1.00	10.00	V. Allen...	1.20	11.00

Unrooted cuttings at one-half price of rooted cuttings. Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.
Loomis Carnation Co., L. B. 115, Loomis, Cal.

PALMER'S RED LAWSON, sport from the famous Mrs. Thos. Lawson. Planted May 18, in full crop middle of August. Rooted cuttings, $10.00 100; $40.00 500; $75.00 1000.
W. J. Palmer & Son, Lancaster, N. Y.

ROOTED CARNATION CUTTINGS.
JANUARY DELIVERY.
All orders filled in rotation.

	100		100
Mrs. Patten, var.	$6.00	Queen, white.....	$3.00
White Lawson....	6.00	B. Market, white.	3.00
Flamingo, scarlet.	6.00	Queen Louise.....	2.00
Albatross, white..	6.00	Lawson	2.00
Enchantress	3.50	Manley, scarlet...	2.00
Challenger	2.00		

Write for prices on large lots; 5 per cent discount for cash with order.
James D. Cockcroft, Northport, L. I., N. Y.

Carnation rooted cuttings.

	100	1000		100	1000
Q. Louise..	$1.20	$10.00	Armazindy.	$1.00	$10.00
Alba	1.40	12.50	Mrs. Joost.	1.20	10.00
America ..	1.00	10.00	Lawson ...	1.40	12.50
Mrs. Palmer	1.20	10.00	McKinley..	1.40	12.50
Crane	1.20	10.00	Success ...	1.20	10.00
Eldorado ..	1.20	10.00	Harlow'den	1.40	12.50
M. Field...	1.40	12.50	G. Roosevelt	1.40	12.50

Cash or C. O. D. with privilege of examining. Express prepaid. Unrooted cuttings one-half price. Hermitage Carnation Co., Loomis, Cal.

Rooted carnations, now ready.

	100	1000		100	1000
Ench'tress	$3.50	$27.50	Flamingo .	$5.00	$40.00
Manley ...	3.00	25.00	B'ton Mkt.	3.00	25.00
H. Fenn ..	2.50	20.00	Fair Maid	2.50	20.00
Wolcott ..	2.50	20.00	Lawson ..	2.50	20.00

Mrs. M. A. Patten, $5.00 100; $40.00 1000.
Henry A. Stevens Co., East St., Dedham, Mass.

Carnation cuttings from selected stock.

	100	1000		100	1000
Nelson Fisher	$7.00	$60	Enchantress .	$4.00	$30
Mrs. Patten..	6.00	50	H. Fenn	3.00	25
Flamingo	6.00	50	Manley	3.00	25
Crusader	6.00	50	Fair Maid ...	2.50	20
D. Whitney ..	5.00	40	Queen	3.00	25

Backer & Co., Billerica, Mass.

Field-grown carnations. The finest you ever saw. Plant them now while they last. Will clean up at $4.00 per 100, $35.00 per 1000.

Apollo, red	Frances Joost
Murphy's White	Flora Hill
Lillian Pond	Mrs. Potter Palmer
Queen Louise	Glacier
Morning Glory	America

Evenden Bros., Williamsport, Pa.

Our specialty, in carnations, is UNROOTED CUTTINGS. We have the best varieties for business. Fair Maid, Mrs. Thos. W. Lawson, Boston Market, Queen, $10.00 per 1000; 250 or more at 1000 rate. Careful packing and prompt shipment. Cash, please.
STEPHEN CHASE, Nashua, N. H.

Surplus stock of fine carnations, such as Joost, Floriana, Dorothy, Glacier, Flora Hill, Queen Louise, Lillian Pond, Roosevelt, at $5.00 per 100, or will exchange for Princess of Wales violets.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Place your order now for the new carnation FRED BURKI. Will be disseminated in 1905. Price: $12.00 100, $100.00 1000; 250 at 1000 rate. Address S. S. Skidelsky, 824 No. 24th St., Philadelphia. Or,
John Murchie, Sharon, Pa.

The new scarlet seedling ROBERT CRAIG, the ideal Christmas carnation. Prices: $2.50 doz., $12.00 100, $100.00 1000. 2500 lots, $95.00 1000; 5000 lots, $90.00 1000; 10,000 lots or more, $80.00 1000. Send orders early to
Cottage Gardens Co., Inc., Queens, N. Y.

Field-grown carnation plants. Strictly first-class stock.

	100	1000		100	1000
Q. Louise...	$4.00	$35	Norway	$4.00	$35
Enchantress.	7.00	65	Prosperity...	5.00	40

Send me your order. You will not regret it.
W. E. Hall, Clyde, O.

CRISIS, the best commercial scarlet carnation ever introduced. Will be disseminated in 1905. Write for descriptive circular. Price: $2.00 doz.; $12.00 100; $100.00 1000. $95.00 1000 in 5000 lots. Prices on larger quantities on application. DAVIS BROS. CO., Bloomsburg, Pa.

Rooted carnation cuttings.

	100	1000		100	1000
W. Lawson..	$6.00	$50	The Queen...	$3.00	$25
Flamingo ...	5.00	40	Fair Maid....	3.00	25
Enchantress...	3.50	30			

Larchmont Nurseries, Larchmont, N. Y.

The best big-flowered, general purpose scarlet carnation now before the trade is CARDINAL. We also have Fiancee and Fred Burki. All three at $12.00 per 100, $100.00 1000. Send for our November trade list.
E. G. HILL CO., Richmond, Ind.

Carnation plants from field, planted in 4-in. pots; will give an abundance of flowers at once. Lawson, Wolcott, Queen Louise, Flora Hill at $6.00 per 100. Just the thing for selling as pot plants. C. Winterich, Defiance, Ohio.

Carnation rooted cuttings.
White Lawson $6.00 100, $50.00 1000
Flamingo 6.00 100, 50.00 1000
John Breitmeyer's Sons, Detroit, Mich.

Carnations, field-grown. Joost, $4.00 per 100; F. Hill, McKinley, Nelson, $6.00; Adonis, $8.00.
Wm. C. Smith, 61st & Market Sts., Phila.

Strong plants of Mrs. T. W. Lawson, Avondale and Norway, at $3.00 per 100; $25.00 per 1000.
Nathan Smith & Son, Adrian, Mich.

Carnations, extra fine.
Fred Burki $12.00 100, $100.00 1000
Cardinal 12.00 100, 100.00 1000
Fiancee 12.00 100, 100.00 1000
S. S. Pennock, 1612 Ludlow St., Phila., Pa.

RED SPORT, the new bread and butter, red carnation. If you are interested in a commercial red that there is money in, write
A. B. Davis & Son, Purcellville, Va.

Carnation WM. PENN, a new pink well worth a trial by every grower of carnations. Send for descriptive list now.
Albert M. Herr, Lancaster, Pa.

Rooted cuttings, 30 varieties. Prices reasonable. Write
California Product Co., 55 Ellis St., San Francisco, Cal.

Gibson Beauty and White Swan carnations. Write Geo. A. Kuhl, Pekin, Ill.

Field-grown carnation plants. Let me quote you prices. Sol Garland, Jr., Des Plaines, Ill.

Rooted cuttings of carnations. Send for prices. H. W. Field, Northampton, Mass.

Carnations, field-grown; white and pink, $4.00 100. Converse Greenhouse, Webster, Mass.

Carnations. Novelties and standards. Write F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

Chrysanthemum stock plants, all the best new things and the best of the standard sorts.
Willowbrook, W. H. Chadwick, Maud Dean, Mrs. Perrin, Pacific, Hero of Mafeking, Lady Harriott, Mrs. Robinson, Mrs. O. P. Bassett, Mrs. Jerome Jones, Maj. Bonnaffon, Opah, Omega, Pink Ivory, Polly Rose, $5.00 per 100.
Lord Salisbury, Mrs. T. W. Pockett, Mrs. Coombes, Mabel Morgan, Marie Liger, Nellie Pockett, Alice Byron, Mrs. F. S. Vallis, S. T. Wright, Col. Appleton, F. S. Vallis, Golden Beauty, Golden Wedding, Timothy Eaton, V. Morel, White Bonnaffon, Percy Plumridge, Jennie Falconer, $10.00 per 100.
Durban's Pride, Mrs. Thirkell, Ben Wells, Chelton, F. A. Cobbold, Gen. Hutton, Henry Barnes, Harrison Dick, Kimberly, Lelia Filkins, Mildred Ware, Maynell, Mary Inglis, W. Duckham, Dr. Enguehard, $15.00 per 100.
Cash with order, or 25% cash with all C. O. D. orders. 5 of any one variety at 100 rate.
Warrick Bros., 498 Locust Ave., Washington, Pa.

Chrysanthemum stock plants, healthy and true to name.
Wm. Duckham, Enguehard, S. T. Wright, Ben Wells, W. R. Church, Gen. Hutton, John Burton, Helen Frick, Mrs. Nathan Smith, F. A. Cobbold, Henry Barnes, 20c each, $2.00 doz. Mrs. T. W. Pockett, Nellie Pockett, F. S. Vallis, Princess, Mildred Ware, Mrs. Thirkell, 15c each, $1.50 per doz.
Golden Wedding, Glory Pacific, Monrovia, Robinson, Halliday, Yellow Jerome Jones, Bonnaffon, T. Eaton, Pink and White Ivory, Midge, Kalb, Black Hawk, Childs, Lincoln, Minerva, Adula, Bloodgood, Perrin, Mutual Friend, Maud Dean, Nagoya, Shrimpton, Golden Trophy, and other standard varieties, 5c each, 50c per doz., $3.50 per 100. Quotations on larger lots. All the above stock was grown in solid benches. If upon arrival, they are not satisfactory, they may be returned at our expense.
Wm., Scott Co., Corfu, N. Y.

Chrysanthemums, high-grade stock.

Mrs. H. W. Buckee	Percy Plumridge
Rockford	Dr. Enguehard
S. T. Wright	Thos. Humphreys
Ben Wells	F. A. Cobbold
Mildred Ware	Wm. Duckham

Each, 25 cents; dozen, $2.50.

Alice Byron	Harrison Dick
Convention Hall	Mrs. C. J. Neville
C. J. Salter	Maynell
W. R. Church	Henry Second
Donald McLeod	Mrs. T. Longley

Each, 15 cents; dozen, $1.50.

Mrs. Thirkell	La Fusion
Mrs. T. W. Pockett	Goldmine
J. Carrington	H. W. Buckbee
Mrs. Barclay	Columbia
Lily Montford	Nellie Pockett

Each, 10 cents; dozen, $1.00.
H. W. BUCKBEE.
Rockford Seed Farms. Rockford, Ill.
Forest City Greenhouses.

Chrysanthemum stock plants. Wm. Duckham, Dr. Enguehard, $1.50 per doz. White—Alice Byron, Maud Dean, Nellie Pockett, T. Eaton, W. H. Chadwick, Mrs. J. Jones. Yellow—Col. D. Appleton, Pennsylvania, Robt. Halliday, Yellow Eaton, Yellow Mrs. Jones. Pink—Mme. Perrin, Maud Dean, Marie Liger. Red—Geo. W. Childs.
Rooted cuttings of Duckham and Enguehard later. Prices on application. Cash with order.
S. N. Pentecost, 701 Republic St., Cleveland, O.

Chrysanthemums, strong stock plants. T. Eaton, Chadwick, Diana, Garza, Ivory, Brutus, Maud Dean, Perrin, Lavender Queen, Merza, Nellie Pockett, Coombes, Viviand Morel, Yellow Eaton, Golden Wedding, Bonnaffon, Appleton, Mrs. Bassett, Intensity, 10c. Wm. Duckham, Mrs. T. W. Pockett, C. J. Salter, Thirkell, Leila Filkins, Yellow Chadwick, Cheltani, Dr. Enguehard, P. Plumridge, Ben Wells, 25c.
Wm. L. Rock Flower Co., Kansas City, Mo.

CHRYSANTHEMUMS—Continued.

Chrysanthemum stock plants. Fitzwygram, white Opah, Willowbrook, 5c each.

Monrovia, Omega, Robinson, Halliday, Jerome Jones, Yellow Jones, Mrs. Weeks, Appleton, Bonnaffon, Timothy Eaton, Yellow Eaton; Mrs. Perrin, Marion Newell, 8c each.

Marie Liger, Malcolm Lamond, Mlle. Doullet, Viviand-Morel, Fee du Champsaur, Golden Wedding, White Bonnaffon, White Maud Dean, Ida Barwood, Baden Powell, Mrs. Chamberlain, Silver Queen, Tancred Bastet, Lily Mountford, C. J. Salter, Mrs. Coombes, Nellie Pockett, Mrs. T. W. Pockett, 15c each.

Diederich, Globasa Alba, Lord Hopetoun, Ethelyn, Percy Plumridge, Harry Plumridge, Leila Filkins, Ben Wells, 25c each.

Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Chrysanthemum stock plants. Wm. Duckham, Cheltoni, 15c each. Alice Byron, Nellie Pockett, Eaton, White Bonnaffon, Mutual Friend, Maud Dean, Mrs. Coombs, A. J. Balfour, W. B. Chamberlain, Yellow Eaton, Yellow Jones, Golden Wedding, Goldmine, Mrs. Carrington, Black Hawk, 10c each. Jerome Jones, Robinson, Merry Christmas, McArthur, Whilldin, Bonnaffon, Halliday, Mrs. Perrin, Pres. Smith, Murdock, 6c each. Appleton, Lincoln, Shaw, Clarke, Polly Rose, Mayflower, Pink Ivory, Glory of Pacific, 4c each.

James E. Beach, Bridgeport, Conn.

CHRYSANTHEMUM STOCK PLANTS.

White—Estelle, Kalb, Robinson, Wanamaker, Eaton, White Mayflower, Ivory, Chadwick, Jerome Jones, White Bonnaffon.

Yellow—October Sunshine, Monrovia, Omega, Bonnaffon, Mournier, Yellow Mayflower, Yellow Jones, Appleton, Golden Wedding, Golden Beauty, Yellow Eaton.

Pink—Wm. Duckham, J. K. Shaw, Lavender Queen, Marion Newell, Richardson, Marie Liger, Viviand-Morel, Mrs. Murdock, Perrin, Pacific.

Red—Oakland, M. P. Labbe.

Price, 10 cents each; $1.00 doz.

WIETOR BROS., 51 Wabash Ave., Chicago.

Chrysanthemum strong stock plants. Duckham, Cobbold, Marion Newell, H. Plumridge, Boccace, Ben. Wells, Dr. Enguehard, 25c each. Thirkell, Liger, Chamberlain, Balfour, 15c each. T. Eaton, Yellow Eaton, Goldmine, Golden Wedding, Appleton, Mrs. Jerome Jones, Coombes, Alice Byron, Monrovia, Chadwick, Lavender Queen, Orizaba, Merry Xmas, 10c each. Polly Rose, Willowbrook, Glory Pacific, Ivory, Pink and White Bonnaffon, White and Yellow Robinson, Blackhawk, Merza, Casco, Elmer D. Smith, Souci, 6c each.

Stuppy Floral Co., St. Joseph, Mo.

Chrysanthemum stock plants. Australie, Balfour, A. Byron, M. Bailey, Bentley, Chadwick, Convention Hall, Col. Powell, L. Deveau, Eaton, Halliday, Liger, Coombes, Emmerton, Chamberlain, Thirkell, Mrs. Pockett, Tranter, Mme. Herrewege, Mme. Nicollaud, Mme. P. Radaelli, M. Richardson, Mounier, G. Wedding, R. E. Richardson, F. S. Vallis, Yanariva, 7c each. S. T. Wright, F. A. Cobbold, Mildred Ware, Mrs. Buckbee, Lily Mountford, P. Plumridge, F. Molyneux, 15c each. Duckham, Filkins, Ben Wells, Maynell, W. R. Church, Mrs. F. S. Vallis, 25c each. No order filled for less than $2.00. W. A. Chalfant, Springfield, Mo.

CHRYSANTHEMUMS.

Stock plants of Yellow Bonnaffon, Monrovia, Appleton, Omega, Golden Wedding, Pink Ivory, Glory of Pacific, Marie Liger, Mrs. Perrin, Maud Dean, M. Newell, Mrs. Probin, White Bonnaffon, Chadwick, Alice Byron, Queen, Jones, Ivory; Convention Hall, $1.50 per doz.; Red Childs, all 75c per doz. except where noted. Cash, please.

G. M. NAUMANN, 1537 Doan St., Cleveland, Ohio.

Chrysanthemum stock plants.

White—Kalb, Ivory, Queen, F. Pullman, T. Eaton, Robinson, Mayflower, Niveus.

Yellow—Harry Parr, Bonnaffon, Lincoln, Solar Queen, G. Wedding, Yellow Fellow, Tuxedo.

Pink—Rose Owen, Pink Ivory, J. K. Shaw, Edna Prass, Mrs. Perrin, Shaggy Perrin, Maud Dean.

Red—G. W. Childs and Millbrook.

75c per doz., $5.00 per 100.

Andrew Bather, Clinton, Iowa.

Chrysanthemum stock plants from benches. Eaton, Chadwick, Appleton, $1.50 doz. Alice Byron, Mrs. Jerome Jones, Yanoma, Yanariva, Superba, Golden Wedding, Gold Mine, Clara Goodman, Major Bonnaffon, W. H. Lincoln, Opah, $1.00 doz. Cash with order, or satisfactory references. J. J. Arnold, Homer, N. Y.

New chrysanthemums ready for immediate delivery. Valerie Greenham, Mrs. H. A. Allen, Lady Cranston, Mrs. J. A. Miller, J. H. Silsbury, Mrs. W. Higgie. These are good healthy stock in 3-inch pots, and if planted out now can be increased tenfold or more by February.

W. H. Thomas, Convent Station, N. J.

Among the new varieties which we had on trial for this year are some magnificent sorts, 9 of which have been awarded certificates. Send for our November trade list which gives varieties, prices and full descriptions of each.

E. G. HILL CO., Richmond, Ind.

Chrysanthemums Alice Byron and Mrs. Coombes; stock plants, fine stuff, $6.00 per 100.

R. Pabst, Rutledge, Del. Co., Pa.

The new white chrysanthemums, MAJESTIC and ADELIA were World's Fair prize winners. Having an immense stock of rooted cuttings of these two varieties we offer them at the low price of $3.00 doz.; $15.00 100; $125.00 1000. From 2-in. pots, 5c additional.

JOHN BREITMEYER'S SONS, Detroit, Mich.

Chrysanthemums. Strong stock plants of Dr. Enguehard, $1.00 per doz. Silver Wedding, Col. D. Appleton, Mrs. Jerome Jones, Columbia, Grates, W. K. Rieman, Helen Bloodgood, Marie Liger, White Bonnaffon, Mrs. S. J. Tranter, 75c per doz.

C. W. Reimers, Hite Ave., Louisville, Ky.

Chrysanthemums stock plants. Coombes, Robinson, Halliday, Tranter, Alice Byron, Salter, Convention Hall, Chamberlain, Golden Wedding, Balfour, Cadbury, $5.00 per 100. These plants were grown in solid beds, making extra fine clumps.

The Summerfield Floral Co., Springfield, Mo.

Chrysanthemum novelties. We are headquarters for the best new varieties, Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Mileham, Lady Cranston, A. J. Miller, Mrs. D. V. West, etc. Complete list now ready. Send for copy. Chas. H. Totty, Madison, N. J.

Chrysanthemum stock plants of Balfour, Halliday, White and Yellow Bonnaffon, Appleton, Minnie Bailey, Ivory, Eaton, Pacific, Kalb, Whilldin, Estelle and Duckham. Write for prices. We have a large stock of Ivory.

Wm. Swayne, Box 226, Kennett Square, Pa.

Chrysanthemum stock plants, can ship at once, Yellow Bonnaffon, Pink and White Ivory, Maud Dean, Col. D. Appleton, Mrs. Jerome Jones, Marie Liger, Xeno, Big Yellow, $5.00 100, 75c doz. Cash with order, please.

De Pew Brothers, Nyack, N. Y.

Chrysanthemums Wm. Duckham, Dr. Enguehard, A. J. Balfour, Alice Byron, white and yellow; Golden Chadwick, Yellow Eaton, Appleton, Omega and Marion Newell, large, good healthy clumps. Write for prices.

The B. K. & B. Floral Co., Richmond, Ind.

Chrysanthemum stock plants. Sinclair, $15.00 100. Eaton, Appleton, Dean, Merry Christmas, Bonnaffon, Jones, Rieman, Robinson, Liger, Pink and White Ivory, $10.00 100.

H. W. Field, 279 Main St., Northampton, Mass.

Chrysanthemums. Stock plants of Willowbrook, best early white; Robert Halliday and Ivory, strong and clean, $5.00 per 100, 75c per doz. Cash, please, or C. O. D.

A. Relyea & Son, Poughkeepsie, N. Y.

Stock plants of Wm. Duckham, 8 to 5 live shoots, $2.00 doz. Grown by Fritz Bahr, Highland Park, Ill. Send orders to

E. F. Winterson Co., 45-49 Wabash Ave., Chicago.

Chrysanthemums, good clean stock of G. Pacific, Robinson, Kalb, Maud Dean and October Sunshine to close out at $3.00 per 100. Cash.

W. T. Stephens Co., Brookfield, Mo.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now.

Florists' Pub. Co., Chicago.

Chrysanthemum stock plants. Bonnaffon, $3.00 per 100; $25.00 per 1000; 25c per doz.

Louis Derocher, 1133 No. Main St., Brockton, Mass.

Chrysanthemum stock plants, field-grown, Estelle, Glory Pacific, Robinson, Bassett, Kalb, 10c each, $1.00 doz., $7.00 100.

A. Hauge, Birmingham, Ala.

Chrysanthemum stock plants. Glory Pacific, Bergmann, Yellow Bonnaffon, 60c doz. Dr. Enguehard, 25c each.

Riverside Greenhouses, Gardner, Mass.

Chrysanthemum stock plants. Golden Wedding, Yellow Bonnaffon, Robinson, 75c per doz., $5.00 per 100.

Dinstel Bros., 1056 No. 62d Ave., Chicago, Ill.

Rooted cuttings of Bonnaffon and Mrs. Robinson chrysanthemum; 1000 of each at $1.00 per 100. W. H. Drake, Kenosha, Wis.

Chrysanthemums. Wm. Duckham and Alice Byron, extra fine, strong clumps, $1.00 per doz.

Larchmont Nurseries, Larchmont, N. Y.

Stock plants of the finest pink chrysanthemum, Dr. Enguehard, $4.00 doz., $25.00 100.

Louis Dupuy, Whitestone, N. Y.

Chrysanthemum stock plants, large. Polly Rose, 4c; Ivory, 5c. Cash, please.

Stephen Chase, Nashua, N. H.

Wm. Duckham, the only pink 'mum. Immediate delivery, 15c each; $1.50 doz.

Emil Glauber, Montclair, Colo.

Chrysanthemum stock plants of T. Eaton, Pennsylvania, Appleton, $5.00 100.

Godfrey Aschmann, 1012 Ontario St., Phila.

Stock plants Yellow and White Bonnaffon, Murdock, $2.00 per 100. Cash.

Holton & Hunkel Co., Milwaukee, Wis.

Chrysanthemum stock plants of the best varieties, $4.00 to $8.00 per 100.

L. G. Blick, Norfolk, Va.

Standard stock mums, white and yellow, 4c. Cash with order. W. H. Jones, Lorain, Ohio.

CINERARIAS.

150 cinerarias from 3-in. pots, fancy mixed, $3.00 100.

A. W. Boerger, Gardenville, N. Y.

COLEUS.

Coleus rooted cuttings, best varieties, 50c 100, by mail.

James H. Cornell, Asbury Park, N. J.

Coleus, good varieties, 2¼-in., $2.00 100, $15.00 1000.

R. Vincent, Jr. & Son, White Marsh, Md.

Coleus, rooted cuttings, 15 sorts, $6.00 per 1000. Springfield Floral Co., Springfield, O.

Coleus, R. C., 12 varieties, 60c per 100. Cash, please. Converse Greenhouses, Webster, Mass.

CYCLAMEN.

Cyclamen persicum splendens, well-budded; best Hamburg strain, in 5 separate colors, 4 and 5-in. pots, $12.00, $18.00 and $25.00 per 100. Express only. Cash with order.

Hugo Book, Worcester, Mass.

Extra fine cyclamen plants, in bloom for Christmas, 5, 6 and 7-in. pots at $5.00, $7.00 and $9.00 per dozen, full of bud and bloom.

Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Cyclamen splendens giganteum hybrids, elegantly grown stock in bud and bloom from 5-in. pots, $2.50 per doz., $20.00 per 100.

Paul Mader, East Stroudsburg, Pa.

Cyclamen giganteum, large flowering, in bud and bloom, 4-in., $10.00 100; 5-in., $15.00.

S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen giganteum, 3-in., fine plants, $7.00 100. Cash, please. Fred Grohe, Santa Rosa, Cal.

Cyclamen, 4-in., $8.00 per 100.

S. M. Harbison, Danville, Ky.

DAHLIAS.

DAHLIAS. Half a million pot roots ready for dispatch. The largest and most up-to-date collection in the world. Special low quotations to the trade upon receipt of requirements. Catalogues free.

The Horticultural Company, Champion Dahlia Specialists, Cheadle-Hulme, Cheshire, England.

Dahlias. 25 leading var., such as C. W. Bruton, A. D. Livoni, Nymphaea, Lemon Giant, Fern Leaf Beauty, Snow Clad, White Swan, Frank Smith, etc. Heavy, field clumps, $5.00 100; $45.00 1000.

The Dingee & Conard Co., West Grove, Pa.

Dahlia roots. Good selection of standard varieties, $5.00 100; $40.00 1000. Mixed, $4.00 100; $35.00 1000. Send for list.

R. Vincent, Jr. & Son, White Marsh, Md.

DAISIES.

Orders booked now for Mr. Burbank's NEW SHASTA DAISIES ALASKA, CALIFORNIA, WESTRALIA $3.00 doz.; $15.00 1000. Having obtained my stock from Mr. Burbank, it is warranted to be pure and true to name. Plants ready in December. Postal for circular. Shasta daisy "Shasta," strong field plants, $3.00 100. Small plants, one-third less. Prepaid. Cash, please.

Fred Grohe, Santa Rosa, Cal.

Double daisies, Longfellow and Snowball, $2.00 per 1,000; small plants to close out. Cash.

Byer Floral Co., Shippensburg, Pa.

Daisies, white and yellow, 2½-in., $2.00 100.

Springfield Floral Co., Springfield, O.

Marguerites, $1.00 per 100. Cash.

Chas. Gay, Des Moines, Iowa.

DRACÆNAS.

Dracaena Bruanti, 6-in. pots, 25 inches high, leaves from top to bottom, 50c.

Godfrey Aschmann, 1012 Ontario St., Phila.

Dracaena indivisa, strong 2½-in., $2.50 per 100; 4-in., $5.00 per 100.

J. C. Schmidt Co., Bristol, Pa.

FARFUGIUMS.

Farfugium grande, 4-in., very bushy, $15.00 100; 5-in., extra fine, $20.00 100. This stock is finely variegated and in tip-top shape.

Michel Plant and Bulb Co., St. Louis, Mo.

FERNS.

Boston ferns, 6-in., 2 feet high, 18, 20 to 25 fronds, 40c to 50c; 5 and 5½-in. pots, 25c, 30c and 35c; large 3-in., 15c; 7-inch, as large as a bushel basket, 75c to $1.00; 8 to 9 inches, as big as a wash tub, $1.25 to $1.50 each. Pierson ferns, large, 4-in., 25c. Ferns, all kinds, for fern dishes, $5.00 100; 3-in., holly ferns, large, 4-in., 25c.

Godfrey Aschmann, 1012 Ontario St., Phila.

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California privet, 3 years, 2½ to 3 ft., $3.00 100; $28.00 1000; 2 years, 3 to 4 ft., $2.75 100; $25.00 1000; 2 to 3 ft., $2.25 100; $20.00 1000; 20 to 24 in., $2.00 100; $15.00 1000; 15 to 20 in., $1.75 100; $12.00 1000; 1 yr., 12 to 18 in., $1.00 100; $8.00 1000. Cuttings, 75c 1000. Packing free.
J. H. O'Hagan, Little Silver, N. J.

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Crimson Rambler roses, extra, $15.00 100. H. B. roses, etc., as long as stock lasts, $10.00 100. Ulrich Brunner, American Beauty, Anne des Alpes, Gen. Jacqueminot, Gen. Washington, La France, Mabel Morrison, Magna Charta, Mrs. J. Laing, Prince C. de Rohan, Paul Neyron, Paeonia, Reine, Marie Henrietta, etc.

F. W. O. Schmitz, Prince Bay, N. Y.

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Salvias, in variety, 2¼-in., $2.00 100; $17.50 1000. Holt's mammoth sage, $2.00 100; $15.00 1000. R. Vincent, Jr. & Son, White Marsh, Md.

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Spiraea japonica, strong clumps.	$0.50	$3.75	$8.50
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Cash with order.

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To-bak-ine is the most effective insecticide on the market. Write for our "Words of Wisdom." It is free.
E. H. Hunt, 76 Wabash Ave., Chicago.

Rose Leaf Extract of Tobacco. For pamphlet write to Kentucky Tobacco Product Co., Louisville, Ky.

NICOTICIDE kills all greenhouse pests.
Tobacco Warehousing and Trading Co., 1004-1006 Magnolia Ave., Louisville, Ky.

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PATTON'S SUN-PROOF PAINT is the best paint made. We are the sole distributors. Write us.
Pittsburgh Plate Glass Co., Pittsburg, Pa.

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Cypress and oak tubs. We manufacture all sizes. Write for prices.
Bobbink & Atkins, Nurserymen and Florists, Rutherford, N. J.

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Kramer's pot hangers. Neat, simple, practical. Write.
I. N. Kramer & Son, Cedar Rapids, Iowa.

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Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts. N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Standard Pots. Catalogues and price lists furnished on application.
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RED POTS. STANDARD SIZE.
SYRACUSE POTTERY CO., Syracuse, N. Y.

Red pots. Write for prices and sample pot.
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RED POTS. Standard pots at bottom figures.
Harrison Pottery, Harrison, Ohio.

Those RED pots. The right kind.
C. C. POLLWORTH CO., Milwaukee, Wis.

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Raffia. Samples free if you mention The Review. Large assortment of colors.
R. H. Comey Co., Camden, N. J.

SHIPPING TRUNKS.

Crane Bros., Westfield, Mass. Manufacturers Linenoid Seamless Trunks and Boxes for shipping Cut flowers. Send for price list.

SPHAGNUM MOSS.

Sphagnum moss, large bale, $1.75 each; by freight, $2.00.
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Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. Write for prices.
H. M. Robinson & Co., 11 Province St., Boston.

Sphagnum moss, baled spruce, etc.
L. B. Brague, Hinsdale, Mass.

TIN FOIL.

Tin Foil—Plain, fancy, printed and mounted.
Conley Foil Co., 521 West 25th St., N. Y.

Tin Foil—Plain, violet and rose.
John J. Crooke Co., 155 Ave. D, N. Y.

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Tobacco stems, fresh and strong, in bales of 200 to 500 lbs., 75c per 100 lbs.
U. Cutler Ryerson, 108 3d Ave., Newark, N. J.

Fresh tobacco stems, bale of 300 lbs., $1.50.
W. C. Beckert, Allegheny, Pa.

TOOTHPICKS.

Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
W. J. COWEE, Berlin, N. Y.

WIRE SUPPORTS.

Excelsior carnation supports, made of galvanized wire, 10 in. long, $7.00 1000, $60.00 10,000; 13 in. long, $7.50 1000, $70.00 10,000; 20 in. long, $8.00 1,000, $75.00 10,000. Also stemming wire, rose stakes, etc.
H. F. Littlefield, Worcester, Mass.

Thaden's wire tendrils and twin stakes for carnations, roses, etc.
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Model Extension carnation supports; also galvanized rose stakes and tying wires.
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Model Extension carnation supports.
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Send in your order now for a copy of Scott's Florists' Manual.

WIRE WORK.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co., 45, 47, 49 Wabash Ave., Chicago.

We are manufacturers — no middleman's profits.
C. C. POLLWORTH CO., Milwaukee, Wis.

Emil Steffens, Manufacturer of Florists' Wire Designs, 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

Wire work of all kinds. Write me.
Wm. Murphy, Wholesale Florist, Cincinnati, O.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

A BIT OF MUM HISTORY.

I have just referred to a catalogue of chrysanthemums issued in 1869, by John Salter, then of the Versailles Nursery, at Hammersmith. In that catalogue he gives the names of a dozen or so of Japanese chrysanthemums, representing about the third generation of seedlings from the original, sent home to Mr. Robert Fortune from Japan in 1862. The early forms of the Japanese were tall, somewhat gaunt and inclined to be late in flowering, in fact, in this particular catalogue, Mr. Salter remarks that "many of the Japanese remain longer in bloom and flower later than the Chinese kinds, so that we may have our greenhouses gay with them all through the dull winter months when flowers are scarce;" and in arranging his plants in his show-house, toward which many an enthusiastic member wended his steps in November, Mr. Salter always placed his Japs behind his large flowering kinds, because they were of taller growth and later in blooming. What a change has been made in the group by raisers! We have now an abundance of Japs which bloom in October, and onward until February. The term "incurved" was not used by Salter as a heading to a section; in 1869 this type came under the head of large-flowered varieties, incurved and reflexed being mingled together under this heading. There were a few of the anemone type, both large flowered and pompons, but the Japanese anemone-flowered appeared to be unknown then. Of the true incurved varieties exhibited in 1869, only a very few indeed find a place in catalogues in the present day.—RICHARD DEAN, in the H. T. J.

FROM OUR ENGLISH EXCHANGES.

The Gardeners' Chronicle.

MRS. FLIGHT is a most valuable addition to the list of rambling roses, and is likely to still further increase the popularity these roses at present enjoy. This variety has a vigorous habit, the growth being somewhat stouter and more erect than many of the rambling roses now in cultivation; but it is not so stout as to prevent the plants presenting that elegant aspect for which the rambling roses are remarkable. The flowers are semi-double, about two inches in diameter, and produced in huge trusses, the number of blooms ranging from twenty to thirty in each truss. The color is a bright rose-pink, and the finely developed trusses are very effective, both on the plants and when cut and arranged in vases.

THERE ARE NOW SEVERAL varieties of brilliant bougainvilleas in cultivation, but among the many none has such large bracts or such consistently large bunches of flowers as the variety named Maud Chettleburgh. In addition to exceptional size and profusion, the bracts are a deeper shade of purplish rose than seen in the well-known B. glabra, so that altogether the newcomer may be regarded as the finest member of the genus, seeing it can be readily flowered in a quite small state, plants in 48-sized pots carrying fine bunches of showy braets. The stock has been acquired by Wm. Bull & Sons, Chelsea.

PROBABLY THE MOST POPULAR double zonal pelargonium (geranium) in England at the present day is F. V. Raspail, rich scarlet, which was sent out by Lemoine in 1878, and after being grown to a limited extent in England, was almost lost to cultivation till about ten years afterwards it was unearthed from obscurity, and at once bounded into popularity, which at the present time has not one whit abated.

IN THE NEAR FUTURE Isatis glauca will become a favorite alike with the hardy flower lover and the park superintendent. At Kew it has this season attracted so much attention that hardy plant dealers are sure to have many inquiries for it. It grows about four feet high, its light green stems being furrowed and furnished with glaucous green leaves that are elongated lance shape, each having a conspicuous white midrib. The growths are surmounted by loose, spreading, freely branched panicles of light but bright yellow flowers, and, though the flowers are individually small, they collectively produce a very pleasing effect.

THAT little one-inch advertisement in your valuable paper did the work all right, as usual.—J. F. AMMANN, Edwardsville, Ill.



This Book

will make you money by saving you money.

It will help you every day in the year.

It is a complete encyclopaedia of commercial floriculture.

Price, $5.00 delivered.

There are only a few copies of the work left. If you have not already obtained a copy order to-day or you may be too late.

FLORISTS' PUB. CO.,

Caxton Bldg., CHICAGO.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

Are all flower growers liars?

SURELY this cannot be true; well, we have over 100 growers who have written us, a large majority without request, their opinions; we publish a few of these letters in the columns of this paper; see on pages 92-95-97-107, what they say about the FUMIGATING KIND TOBACCO POWDER. All began with a five-pound trial bag at our expense, which gave them an opportunity without cost to prove its GOODNESS and our assertion that it was the most effective, cleanest and quickest, as well as cheapest (10 cents per 100-foot house) article to fumigate with, and that all kinds of aphis can be killed in one night. Let us send you a five-pound trial bag by express, it will cost you nothing but the express charges on it, and be convinced that what your brother growers say of it is true. Our booklet tells of it; we mail it on request.

THE H. A. STOOTHOFF COMPANY, Tobacco Powder Hobbyists, 116, 117, 118 West St., New York.

Mention The Review when you write

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Our Kansas Double White Petunia is the best bloomer of them all; size of bloom as large as a good-sized Flora Hill carnation; rooted cuttings, $1 25 per 100.

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Express prepaid on all Rooted Cuttings.

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The Rooted Cutting Specialist.

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The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.

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Over six miles in use and highly recommended by all. The only **Drip Proof** gutter on the market.

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It has no equals for simplicity or its working. Catalogue free.

E. HIPPARD, Youngstown, Ohio.

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CYCLAMEN GIGANTEUM—Finest Giants mixed, 200 seeds, $1.00, ⅛ pkt., 50c.

GIANT PANSY—Best of Giants, mixed, 5000 seeds, $1 00; ⅛ packet, 50c.

CHINESE PRIMROSE—Finest grown, single and double mixed; 500 seeds, $1.00; ⅛ pkt. 50c.

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4-inch, fine stock, $15.00 per 100.

VIOLETS--Field-grown Lady Campbell, $4 00 per 100.

CARNATIONS--Field-grown, white and pink, $4.00 per 100.

PELARGONIUMS--2-in., mixed var., $2 50 per 100.

GERANIUMS- R. C., leading var., $1 00 per 100.

COLEUS--R. C., 12 var. 60c per 100 Cash please.

Converse Greenhouses, WEBSTER, MASS.

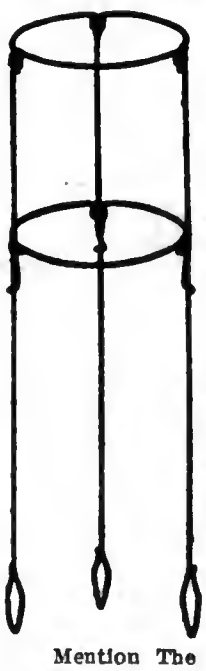
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Model EXTENSION CARNATION SUPPORT.

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Endorsed by all the leading carnation growers as the best support on the market.

Made with two or three circles. Prompt shipment guaranteed Pat. July 27, 1897; May 17, 1898. Write for prices and circulars.

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FUMIGATING POWDER.

This powder contains a definite amount of nicotine and will be found uniform at all times. Slow burning. Sure death to Aphis.

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50-lb. BAG, $1.50 100-lb. BAG, $3.00

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E. H. HUNT, 76-78 Wabash Ave., CHICAGO, ILL.

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Dealers in all kinds of
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..LUMBER..
and "PECKY CYPRESS"
our new introduction to the trade,
FOR GREENHOUSES.

ALSO CEDAR POSTS
of all LENGTHS and DIMENSIONS.

Having had an extensive experience in the line of Lumber and Posts needed for Greenhouse work, we are prepared to meet all inquiries. Send for prices.

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Send for catalogue. Get the best.

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Will keep SNOW and ICE OFF YOUR GLASS and PREVENT BREAKAGE.



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Manufactured by
W. J. COWEE, BERLIN, N. Y.
10,000....$1.50; 50,000... $6.25. Sample free
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For sale by Seedsmen. For Free Pamphlet Write to The Kentucky Tobacco Product Co., Louisville, Ky.

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LOUISVILLE, KY.

DON'T LET 'EM SUFFER.

Leominster, Mass.
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J. FULLER.

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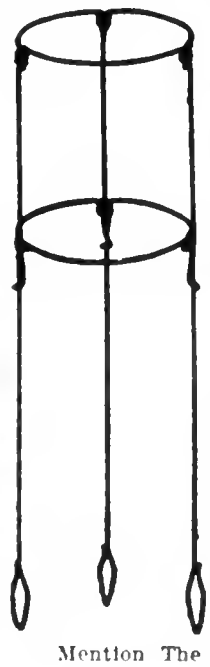
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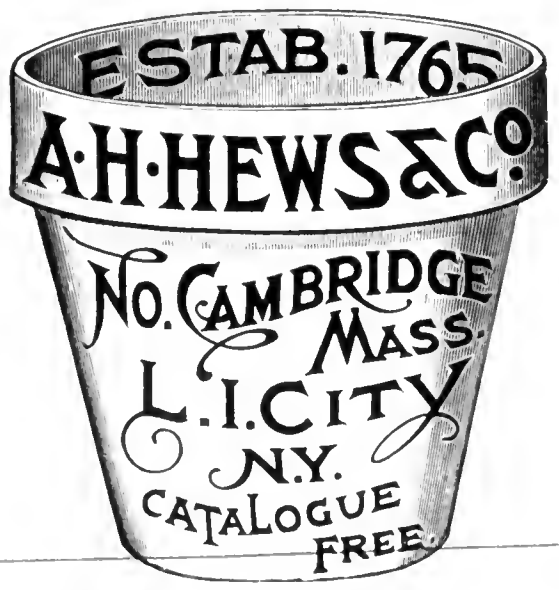
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MILWAUKEE.

The Market.

Thanksgiving trade was a record-breaker. The demand for flowers is increasing annually for this day and, while prices do not soar up to Christmas and Easter levels, still a fair price is obtained for everything seasonable and stock in all lines was cleaned up. There were not a great many advance orders, but there was a heavy demand toward the last moment, which cleaned up everything in sight. There was quite a call for chrysanthemums and as usual this holiday cleaned up the cut. Violets also sold well, although the supply was limited. In carnations there were enough to go around and the quality was exceptionally fine. There were enough roses to meet the demand. There was also an abundance of stevia, Paper Whites, Romans and lily of the valley to help fill out. Nearly all the florists report a satisfactory trade.

Various Notes.

Alex. Klokner is holding a chrysanthemum show at the Palm Garden this week. He has on display a lot of plants and cut flowers that were grown in his own establishment, many of them being prize winners. He also received an additional lot of large stock from some of the prize winners at the Chicago show and the public has taken considerable interest in the display. He has a large display of bay trees and various tropical plants.

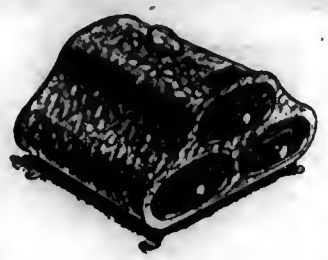
Holton & Hunkel are about ready to move into their new quarters.

Recent visitors were Mr. and Mrs. Carl Meier, H. M. Reinecke, Green Bay; Louis Hartung, Two Rivers; J. E. Matthewson, Sheboygan; M. Reukauf and B. Eschner, Philadelphia. Incog.

Sioux Falls, S. D.—L. S. Elwell has had a very nice lot of stock this fall and finds business good.

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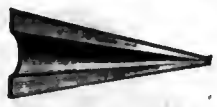
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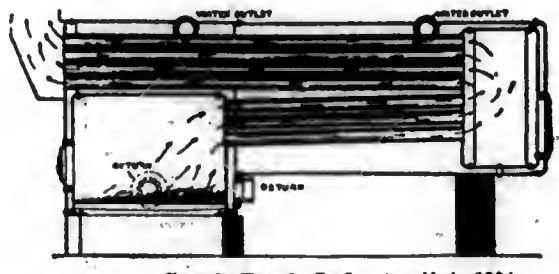
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G. L. GRANT, Editor and Manager.

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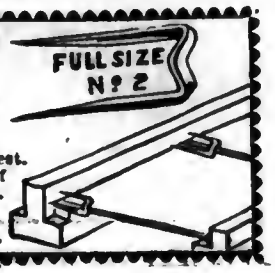


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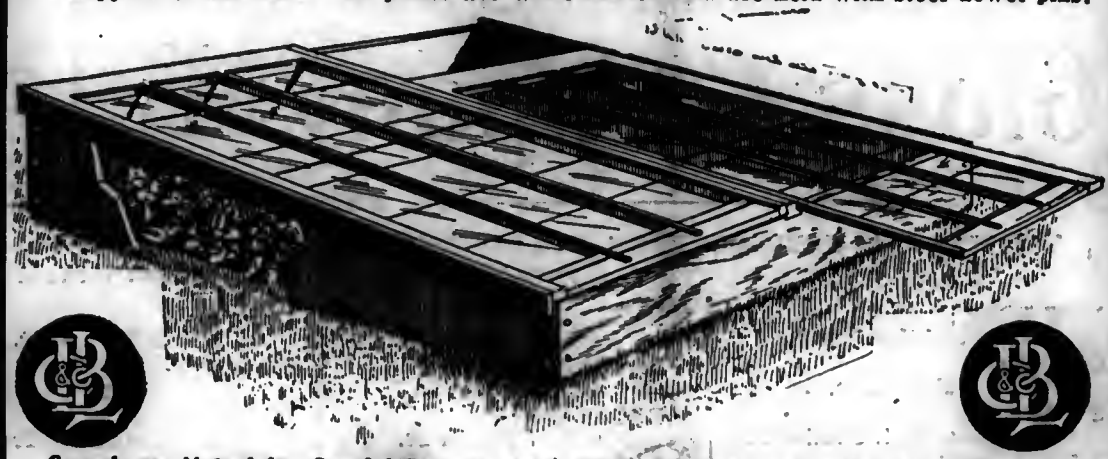
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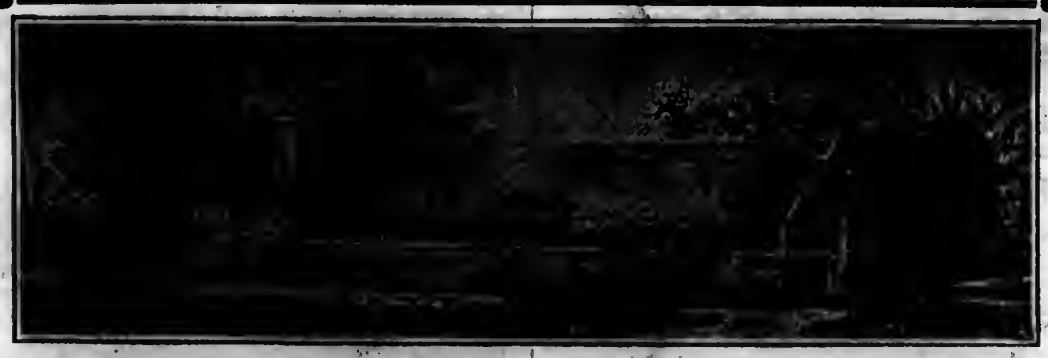
Send ten cents to our New York Office for Greenhouse Construction Catalogue; also Greenhouse Heating and Ventilating Catalogue, five cents postage for each.

Write to-day for Price List of Hotbeds.

LORD & BURNHAM CO.

N.Y. Office, St. James Building, 1133 Broadway

Gen'l Office & Wks., Irvington-on-Hudson, N. Y.



WE MANUFACTURE EVERY TYPE OF GREENHOUSE FOR COMMERCIAL AND PRIVATE PURPOSES.

Galvanized Steel Patent "U" Bar Greenhouses.
Flat Rafter Iron-Framed and Red Gulf Cypress Greenhouses.
Ventilating Apparatus, Hotbed Sash and Frames, Benches, Putty.
PIERSON BOILERS FOR WATER AND STEAM.
Pipe Fittings, Valves and everything for Greenhouse Heating.

The Pierson-Sefton Company, West Side Ave. South, **Jersey City, N. J.**

Structures erected complete or material furnished with plans ready for erection.

Mention The Review when you write.

NOW IS THE TIME TO BUY

GREENHOUSE GLASS. We have an over stock of the following in First-Class Double Strength: Write us for **SPECIAL PRICES**

40 boxes	8x10	50 boxes	10x18	25 boxes	12x18	35 boxes	14x18	200 boxes	16x18
11 "	12	25 "	24	40 "	24	40 "	20	50 "	20
200 "	10x12	25 "	12x12	20 "	25	20 "	24	200 "	24
25 "	14	25 "	14	100 "	14x16	100 "	16x16		

Sharp, Partridge & Co. 22d St. and Union Place, **Chicago**

Mention The Review when you write.

JOHN A. SCOLLAY,

Greenhouse Heating, Ventilating Apparatus. Hot Water and Steam Boilers.

JOHN A. SCOLLAY,

74-76 Myrtle Ave., Brooklyn, N. Y.

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Florists' Review

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HITCHINGS & CO.

233 MERCER ST. NEW YORK.

GREENHOUSE BUILDERS

Hot Water Boilers, Pipes, Fittings

And Ventilating Apparatus

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UNIVERSITY of ILLINOIS

THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS. SEEDSMEN AND NURSERYMEN.

Copyright, 1904, by FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XV. CHICAGO AND NEW YORK, DECEMBER 8, 1904. No. 367.

We offer the finest quality **LILIUM HARRISII** for immediate shipment.

No better stock can be obtained and the prices are low. Full case lots will be supplied at thousand rates.

	Per 100	Per 1000
Bulbs 6 to 7 in. in circumference, 350 to the case,	$4.50	$40.00
Bulbs 7 to 9 " " 200 "	8.00	75.00
Bulbs 9 to 11 " " 100 "	16.00	150.00

For other EARLY BULBS, for immediate delivery.

Allium Neapolitanum, Callas, Freesias, Lilium Candidum, Narcissus Paper White Grandiflora, French-Grown Trumpet Major Narcissus for Christmas flowering, White Roman Hyacinths, White Italians, Bermuda Buttercup Oxalis, Cold storage Lily of the Valley for Summer flowering.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

Asparagus Seeds

60c a hundred; $5.00 a thousand.
5000 for $22.50.

WM. F. KASTING,
WHOLESALE FLORIST,
383-387 Ellicott St., BUFFALO, N. Y.

THE LEO NIESSEN CO.

Wild Smilax; Galax Leaves, new crop; Smilax, heavy strings; Asparagus Plumosus, strings and sprays.

1217 Arch Street, PHILADELPHIA

FIANCEE

In a class by itself.
Rooted Cuttings,
$ 12 per 100
100 per 1000

THE CARDINAL, Grand Scarlet Improved Estelle, $ 12.00 per 100 / 100.00 per 1000

Two Best White Carnations { LADY BOUNTIFUL, $6.00 per 100; $50.00 per 1000
WHITE LAWSON, 7.00 per 100; 60.00 per 1000

Chicago Carnation Co., -- Joliet, Ill.

THE FOLLOWING 'MUMS have been AWARDED C. S. A. CERTIFICATES

COMMERCIAL:

JEANNIE NONIN, (Thanksgiving White), the Queen of the 'Mum family.
DR. GALLOWAY, fine mid-season white.
CLEMENTINE TOUSET, big early white.
REVEIL A'BEGLES, big early yellow.
ROI d' ITALIE, second early yellow.

EXHIBITION:

MLLE. ANNA DEBONO, MME. EMILE LEMOINE,
PREFET BONCOURT, SOUV. d' CALVAT PERE.

All at 50c each; $5.00 per doz.; $35.00 per 100.

THE E. G. HILL CO., RICHMOND, IND.

FANCY HOLLY, SELECT GREEN, CHOICE TREES.

Send for our special jobbers' list on full line of Christmas Decorations. NO extra charge for EXTRA care.

Choice Valley Pips and Japan Lilies ready now.

W. W. BARNARD & CO., SEEDSMEN, 161-163 Kinzie St., CHICAGO

ROSES!
CARNATIONS!
VIOLETS!

And all Other Cut Flowers in Season

Price List.

Subject to change without notice.

BEAUTIES—	Per doz.
Extra long stem	$5 00 to $6 00
24-inch stem	4 00
20-inch stem	3 00
15-inch stem	2 00
12-inch stem	1 50

	Per 100
BRIDES	4 00 to 8 00
BRIDESMAIDS	4 00 to 8 00
LIBERTIES	6 00 to 10 00
PERLES	$4 00 to $6 00
GOLDEN GATE	4 00 to 8 00
ROSES, our selection	4 00
CARNATIONS	2 00 to 2 50
" fancy	3 00 to 4 00
VIOLETS	1 00 to 1 50
ROMANS	2 00 to 4 00
NARCISSI	2 00 to 4 00
CALLAS	12 50 to 15 00
MIGNONETTE	3 00 to 4 00
VALLEY	$2 00 to $4 00
MAHONIA	1 00
ADIANTUM	1 00 to 1 25
SMILAX, per doz	1 50 to 2 00
GALAX, gr., 1000, $1 25	20
" br., " 1 50	20
LEUCOTHOE " 6 00	75
FERNS, per 1000, 1 50	20
Asparagus Sprengeri	2 00 to 3 00
" Plumosus	2 00 to 3 00
" " strings,	50 00

We having bought 50,000 Mahonia Leaves, thousands of Leucothoe and hundreds of thousands of Galax, puts us in shape to supply Christmas wants. We will also have more than 200 cases of "Red Winter Berries;" all these can be bought early, as they will keep for the holiday trade. See the Review for prices, but on large lots write, as we can fix you out.

Cape flowers, any color; Immortelles, all shades; Ribbon, Cycas Leaves, and, in fact, everything that you may want.

ORDER EARLY TO AVOID THE RUSH WEEK. As above stated all this class of stock will keep--positively will not spoil.

As to Cut Flowers--We are the pioneer house and have the reputation of filling orders at all times. Prices will be as low as good stock can be sold for.

Write us for special prices on "NICO-FUME" and all Florists' Supplies; we are prepared to sell goods.

KENNICOTT BROS. CO.

Wholesale Commission Florists

40-42-44 Randolph Street, CHICAGO

L. D. Phone Central 466.

Money, Money, Money! All After It

If ever, good money can now be easily made, PROVIDED goods are bought right.
By this is meant at such low prices as here offered on

Christmas Novelties and Supplies



CHRISTMAS IMMORTELLE BELLS

OUR OWN MAKE

An Unusual Cut in Prices

A comparison with that of other dealers is convincing of the large values now offered here.

No. 1 size, 5½-in., $3.60 per doz.
No. 2 size, 6½-in., 6.00 per doz.

Chenille Bells in No. 2 size, at same price.

FOLDING BELLS, the Popular "Beehive" Style

5-inch size, actual diameter measure, per doz., $0.75; per 100, $6.00.
8-inch size, actual diameter measure, " 1.25; " 10.00.
12-inch " 2.50; " 20.00.

HOLLY, the very best, well-berried

Per Single Case $5.00
Per 5 case lot or up, at 4.50
Per 10 case lot or up, at 4.00

HOLLY WREATHS

Single made ..... per 100, $10.00
Double made ..... " 15.00

WIRE RINGS, for making Holly and Ground Pine Wreaths, in sizes 10, 11 and 12-inch, 75 cts. per 100; $6.50 per 1000.

Ground Pine Roping, per 100 yds., $4.00; per full 1000 yds., $35.00.
Laurel Roping, per 100 yds., $5.00; per full 1000 yds., $45.00.

Wild Smilax, large case $5.00
" " small case 3.00
Immortelles, all colors, dozen bunches 2.75
" all colors, per 100 bunches 22.00

Colored Capes, per lb. $1.50
White Capes, per lb. 1.00
Colored Grasses, per lb. ..... $1.00 to 2.00

Wm. F. Kasting,

WHOLESALE FLORIST,

383-87 Ellicott St. BUFFALO, N. Y.

Long Distance 'Phones: BELL, 620 SENECA; FRONTIER, NO. 620.

WORLD'S FAIR PRIZE WINNERS

The New White Chrysanthemums

MAJESTIC and ADELIA

90 POINTS—COMMERCIAL SCALE—89 POINTS

Having an immense stock of these Sterling varieties we have decided to offer them at the following low prices: Rooted Cuttings—$3 per doz.; $15 per 100; $125 per 1000. From 2-inch pots, 5 cents additional.

CARNATIONS

White Lawson r. c. $6 per 100, $50 per 1000

Flamingo ..... $6 per 100, $50 per 1000

The New Pink ROSE LA DETROIT

Fine field-grown plants, immmediate delivery, $15 per 100; $125 per 1000.

JOHN BREITMEYER'S SONS, Detroit, Mich.

WELL GROWN PLANTS FOR THE HOLIDAYS

JERUSALEM CHERRIES AND CALIFORNIA PEPPERS

Are just the thing for Christmas sales. Order now before severe cold weather makes shipping dangerous.

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Kentia Belmoreana	4	15-17	5-6		$3.00	$25.00
" "	6	22-24	6	$1.00	12.00	
" "	6	24-26	6-7	1.50	18.00	
" "	7	32-34	6	2.00	24.00	
" "	7	34-36	6	2.50	30.00	
" "	9	44-48	7-8	6 00		
" "	10	46-50	7-8	7.50		
Kentia Forsteriana	5	24-27	4-5	.75	7.50	60.00
" "	6	26-30	5	1.00	12.00	
" "	7	32-36		2.00	24.00	
" " single	8	34-38	5-6	2.50	30.00	
" "	9	46-48	5-6	6.00		
" "	10	48-56	6-7	7.00		
Latania Borbonica	2			.75		5.00
" "	3			1.00		7.00
" "	6	22-26	7	.60	7.00	
" "	7	26-30	7	1.00	12.00	
" "	8	30-34	7-8	1.25	15.00	
Phoenix Canariensis	8	38-42	10-12	2.50	30.00	
" "	12	46-52	12-15	5.00		
Ficus Elastica	4	10-12		.25	3.00	
" "	6				9.00	
Araucaria Excelsa	4	tiers	2-3	.50	6.00	
" "	5	tiers	3-4	1.00	9.00	
" "	6	tiers	4-5	1.25	15.00	
" " Compacta.	6	tiers	3	1.50		
Cocos Weddelliana	3				2.50	
" "	5			.75	9.00	
Pandanus Veitchii	4			.50	6.00	
" "	5			1.00	12.00	
" "	6	18-20		1.25	15.00	
Pandanus Utilis	3				2.00	
" "	5				5.00	
" "	6				9.00	
Nephrolepis Bostoniensis	2					4.00
" "	5				3.00	

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Nephrolepia Bostoniensis	6				$5.00	
" "	7				9.00	
Alsophila Australis	8			$1.50		
Cibotium Schiedei	6			1.50	18.00	
" "	7			2.00	24.00	
Adiantum Cuneatum	2					$3.00
Ferns for Dishes	2 good assortment					3.00
Dracaena Indivisa	4				1.50	10.00
" "	5				3.00	
" "	6				5.00	
Dracaena Fragrans	4				3.00	
" "	5				6.00	
" "	6				9.00	
" "	7				12.00	
Dracaena Massangeana	5			1.00	12.00	
Asparagus Plumosus	2					3.00
" "	3				1.00	8.00
" "	4				1.50	12.00
Crotons	3	"	"	"	1.50	
Crotons	4	"	"	"	3.00	
Poa Trivialis Var	3	Fine for Ferneries				6.00
Jerusalem Cherries	4				1.50	
California Peppers	4				1.50	
" "	5				3.00	
" "	6				4.00	
Bay Trees, Standards	24-in crown				7.50	
" "	28-in crown				10.00	
" "	36-in crown				17.50	
" Pyramids	7				17.50 each	
Cycas Revoluta	From $2.00 to $4.00 each					
Box trees	7-in pots, 18-high, $4.20 per dozen					

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

DREER'S SPECIAL OFFER OF DECORATIVE PLANTS FOR THE HOLIDAYS.

Our stock of Decorative Plants suitable for the Holiday Trade is in fine condition, clean, vigorous, healthy stock of good color which will sell on sight.

PALMS! PALMS! PALMS! PALMS!

ARECA LUTESCENS.

	In. high	Per doz.	Per 100	Per 1000
2-in. pots, 1 plant in pot,	6 to 8	$ .75	$6.00	$50.00
3-in. pots, 2 plants in pot,	12 to 15	1.00	8 00	75.00
4-in. pots, 2 to 3 plants in pot,	15 to 18	3.00	20.00	190.00
5-in. pots, 3 plants in pot,	18 to 20	5.00	40.00	350.00
6-in. pots, 3 plants in pot,	24 to 28	9.00	75.00	
10-in. pots, very bushy.	48 to 54	4.00		

CALAMUS INTERMEDIUS.

A tropical species with finely feathered, dark green foliage, 6-in pots, 24 in. high, $1.50 each.

COCOS WEDDELLIANA.

3-in. pots, 6 to 8 in. high..... $1.25 per doz.; $10.00 per 100
3-in. pots, 10 to 12 in. high..... 2 00 " 15.00 "
4-in. pots, 15 to 18 in. high..... 4.00 " 30.00 "
Specimen plants in 5-in. pots, about 18 in. high, 75 cents each.

KENTIA FORSTERIANA.

	Per doz.	Per 100	Per 1000
2¼-in. pots, 4 leaves 8 to 10 in. high	$1.25	$10.00	$90.00
3-in. pots, 5 leaves, 12 to 15 in high	2.00	15.00	140.00
4-in. pots, 5 to 6 leaves, 15 in. high	4.00	30.00	
5-in. pots, 5 to 6 leaves, 18 in. high	6.00	50.00	
6-in. pots, 6 leaves, 28 to 30 in. high	$1.00 each		
6-in. pots, 6 leaves, 30 to 32 in. high	1.25 each		
6-in. pots, 6 leaves, 32 to 36 in. high	1.50 each		
8-in. pots, 6 to 7 leaves, 4½ feet high	5.00 each		
9-in. pots, 6 to 7 leaves, 5 to 5½ feet high	6.00 each		
10-in. pots, 6 to 7 leaves, 5½ to 6 feet high	7.50 each		
10-in. pots, 6 to 7 leaves, 6 feet high	10.00 each		
12-in. tubs, 6 to 7 leaves, 6½ feet high	12 50 each		
12-in. tubs, 6 to 7 leaves, 7 to 8 feet high	25.00 each		

KENTIA BELMOREANA.

	Per doz.	Per 100	Per 1000
2¼-in. pots, 4 leaves, 8 to 10 in. high	$1.25	$10.00	$90.00
3-in. pots, 5 leaves, 12 to 15 in. high	2.00	15 00	140.00
4-in. pots, 5 to 6 leaves, 15 to 18 in. high	4.50	35.00	325.00
5-in. pots, 5 to 6 leaves, 20 to 22 in. high	9.00	75.00	
6-in. pots, 6 leaves, 28 to 30 in. high	$1.25 each		
6-in. pots, 6 to 7 leaves, 30 to 36 in. high	1.50 each		

MADE UP KENTIA FORSTERIANA.

The made up plants are all of exceptional good value, and will be found especially useful for decorative work in the sizes above 5-in. pots.

8-in. pots, 3 plants in a pot, 10 to 12 in. high....$2.00 per doz.: $15 00 per 100
4-in. pots, 3 plants in a pot, 15 to 18 in. high.... 4.50 " 35.00 "
5-in. pots, 3 to 4 plants in pot, 18 in. high..... 7.50 " 60.00 "
8-in tubs, 3 plants in tub, 4 to 4½ ft. high.....$5.00 each
9-in. tubs, 3 plants in a tub, 5 to 5½ feet high..... 6.50 each
9-in. tubs, 3 plants in a tub, 5½ to 6 ft. high..... 7.50 each
10-in. tubs, 3 in a tub, 6½ to 7 ft high.....12 50 each
12-in. tubs, 3 to 4 in a tub, 6½ to 7 ft. high.....15.00 each
12-in. tubs, 3 to 4 in a tub, 7 to 8 ft. high.....20.00 each

MADE UP KENTIA BELMOREANA.

We have about two hundred plants in 12-inch pots, three to four plants in a pot, very bushy shapely plants from 4½ to 5 feet high, not perfect in some of the foliage, at the same time not badly damaged. We are selling these at $10.00 each, at which price they are one of the best bargains we have ever offered in decorative stock.

KENTIA SANDERIANA.

A very nice lot of this beautiful palm.

Fine plants in 5-in. pots, 18 in. high.....$1.25 each
Fine plants, in 6-in. pots, 24 in. high..... 1.50 each
Fine plants, in 7-in. pots, 36 in. high..... 3.00 each

LATANIA BORBONICA.

A large stock and best values we have ever given in this palm.

	Per doz.	Per 100
3-in. pots, 5 to 6 leaves, 12 to 15 in. high	$1.00	$ 8.00
4-in. pots, 5 to 6 leaves, 15 in. high	2.50	20.00
6-in. pots, 5 to 6 leaves, 18 to 20 in. high	6.00	50.00
7-in. pots, 6 to 7 leaves, 20 to 24 in. high	9.00	70.00
8-in. pots, 7 to 8 leaves, 20 to 24 in. high, fine plants	$1.00 each	
8-in. pots, 8 to 9 leaves, 24 to 28 in. high, fine plants	2.00 each	

PHOENIX CANARIENSIS.

Good decorative plants, in tubs, 3½ to 4 ft. high.....$6.00 each
Good decorative plants, in tubs, 4 to 4½ ft. high..... 7.50 each

PHOENIX RUPICOLA.

A fine lot of specimens in 6-in. pots, about 2 ft. high, at.....$1.50 each

RHAPIS FLABELLIFORMIS.

7-in. pots, 36 in. high, with one or two small side shoots.....$2.00 each

MISCELLANEOUS DECORATIVE PLANTS.

ASPIDISTRA LURIDA.

Strong plants of the green leaved variety. 5-in. pots, 8 to 10 leaves, 50c each, $5.00 per doz., $40.00 per hundred.

AUCUBA JAPONICA.

Exceptional values in this hardy decorative plant.

Very bushy plants, 12 to 15 in. high..... 30c each: $3.00 per doz.
Very bushy plants, 18 to 20 in. high.....40c each; 4.50 per doz.
Very bushy plants, 24 in. high.....60c each; 7.00 per doz.
Very bushy plants, 3 ft. high.....$3.00 each

BOX TREES—STANDARD OR TREE SHAPED.

Stems 15 in. high, crowns 18 in. in diameter.....$1.25 each
Stems 36 in. high, crowns 18 in. in diameter..... 2.00 each

BOX TREES—PYRAMID SHAPED.

Shapely plants, 3 ft. high, 18 in. in diameter.....$2.00 each
Shapely plants, 4 ft. high, 24 in. in diameter..... 3.50 each

BAY TREES—LAURUS NOBILIS.

Standard or Tree shaped, all with stems 42-45 ins. high.

Crowns 24 to 26 in. in diameter.....$ 6.00 each
Crowns, 26 to 28 in. in diameter..... 7.50 each
Crowns, 30 to 32 in. in diameter..... 10.00 each
Crowns, 38 to 40 in. in diameter..... 15.00 each

DWARF STANDARD BAY TREES.

Very attractive, stems from 1½ to 2 ft. high with bushy crowns 24 to 26 in. in diameter, $7.50 each.

ADIANTUM FARLEYENSE.

5-in. pots, nicely furnished.....$9.00 per doz.

IMPERIAL STANDARD BAYS.

An entirely new form. These are really pyramids grown on a stem like an ordinary Standard. The stems are about 42 in. high, the pyramidal crown is 4 ft. high and from 34 to 36 in. in diameter at base, $15.00 each.

PYRAMIDAL SHAPED BAYS.

4½ ft. high, 24 in. in diameter at base.....$ 6.00 each
5 ft. high, 26 to 28 in. in diameter at base..... 7.50 each
6 ft. high, 30 in. in diameter at base..... 10.00 each
6 to 7 ft. high, 36 in. in diameter at base..... 15.00 each

CIBOTIUM SCHIEDEI.

Good plants in 7-in. pots.....$2.00 each

BOSTON FERNS.

Elegant plants in 8-in. pots.....$1.00 each
Elegant plants in 12-in. pans..... 2.00 each

SCOTT'S NEW BOSTON FERN.

Fine plants in 6-in. pots.....$1.25 each

PANDANUS VEITCHII.

Nicely colored plants in 6-in. pots.....$1.00 each

PANDANUS SANDERI.

Splendid specimens in 9-in. pots.....$3.50 each
Splendid specimens in 10-in. pots..... 5.00 each

ARAUCARIA EXCELSA GLAUCA.

6-in. pots, 16 to 18 in. high, 3 tiers.....$1.50 each
8-in. pots, 22 to 24 in. high, 4 to 5 tiers..... 2.00 each

PLANTS FOR FORCING.

AZALEAS FOR EASTER.

On account of Easter this year coming so very late (April 23) a season of the year when our regular spring shipmends demand our full attention, we have decided not to carry a supply of Azaleas until then, but to close out our entire stock as quickly as possible, therefore customers who usually procure their supplies late in the spring will do well to cover their needs at once. The principal sorts now in stock are Mme. Van der Cruyssen and Bernhardt Andreas Alba, the two best late flowering sorts of their color. These two varieties can be furnished in any proportion desired, but the selection of other varieties must be left to us.

We will still supply early orders at import prices.

12 to 14-in. crowns.....$ 6.00 per doz.; $ 45.00 per 100
14 to 16-in. crowns..... 7.00 per doz.; 55 00 per 100
16 to 18-in. crowns..... 12.00 per doz.; 100.00 per 100

DEUTZIAS FOR FORCING.

Strong two-year-old field grown plants suitable for 6-in. pots.

Gracilis.....Per doz., $0.75; per 100, $6.00
Gracilis Rosea.....Per doz., 1.00; per 100, 8.00
Gracilis Lemoinei.....Per doz., 1.00; per 100, 8.00

AZALEA MOLLIS.

For early and late forcing Azalea Mollis is rapidly gaining favor; easily forced at a minimum cost for heat and labor, they are profitable stock for the retailer to handle. We are supplying at present an unusually fine grade of plants, 15 to 18 inches high, and covered with flower buds, $4.50 per doz.; $35.00 per 100.

FORCING LILACS.

A fine lot of pot grown plants, well set with buds and in prime condition for forcing, $6.00 per doz.; $45.00 per 100.

RHODODENDRONS FOR FORCING.

These are being used more extensively every season, and this year, with Easter at such a very late date, should prove especially acceptable, as they can be retarded much easier than Azaleas, and at the same time may be flowered at just the right moment at a minimum cost. We are carrying an extra large stock of bushy well shaped plants, 16 to 18 inches high, covered with buds, $9.00 per doz.; $70.00 per 100. Larger plants, 20 to 24 inches high, fine specimens, $11.00 per doz.; $90.00 per 100.

HENRY A. DREER, PHILADELPHIA, PA.

U KNOW US The Leading Florists' SUPPLY HOUSE

OUR STOCK OF CHRISTMAS GOODS IS NOW COMPLETE.

RED IMMORTELLES (Best Ever).

MOSS WREATHS (Finest).

Red Wrapped Immortelle Wreaths (Unexcelled Color).

ORDER NOW. PRICES RIGHT. YOU CANNOT FIND BETTER STOCK.

M. RICE & CO. RIBBON SPECIALISTS IMPORTERS AND MANUFACTURERS

916 and 918 Filbert Street, PHILADELPHIA.

Mention The Review when you write.

Surplus Bulbs

AT LOW PRICES TO CLOSE OUT.

FRESH TOBACCO STEMS,

Bale of 300 lbs., $1.50.

BEST MUSHROOM SPAWN.

W. C. Beckert, Allegheny, Pa.

Mention The Review when you write.

JOS. G. NEIDINGER,

1226 Poplar St., **Philadelphia.**

OUR SPECIALTIES:

Wax Flowers, Wax Flower Designs,

WHEAT SHEAVES,

Wicker Pot Covers, Plant Stands.

Mention The Review when you write.

Tel. 3053 Madison Square.

Hanfling & Kleppner,

Manufacturers and importers of all kinds of

Basket Novelties Our Specialty. Pot Covers

Call now and save money by securing your Christmas supplies.

114 West 28th Street, Between 6th and 7th Aves., **New York.**

Mention The Review when you write.

H. Bayersdorfer & Co.

FLORISTS' SUPPLIES,

See our Advertisement on Page 149.

50 to 56 N. 4th St, **Philadelphia.**

Mention The Review when you write.

A. HERRMANN,

MANUFACTURER OF FLORAL METAL DESIGNS,
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—HEADQUARTERS FOR NOVELTIES—

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CHRYSANTHEMUMS

NOTES ON NOVELTIES.

Merstham Red is a very good color and the broad petal shows to fine advantage, though the flower is not so full as one could wish. It will, however, be given another trial under more favorable conditions another year and reds are not yet so numerous that we can afford to condemn any variety too quickly.

Mrs. H. A. Allen is a deep pink and showed up very prominently in the Wells gold medal lot at Boston. While it is full to the center, it is more of a loose spreading flower than Duckham or other recent pinks and is chiefly useful to the exhibitor.

Dora Stevens reminds me more of an old favorite, Chenon De Leche, than any other variety I ever grew. The color is grand, a bright, rosy cerise, and the shape of the flower is very attractive. It does not scale high as to size compared with some present day monsters though I think it can be improved next year in this respect.

Lady Cranston is a sport from Mrs. Barkley and as exhibited last year in Edinburgh was almost a pure white. This was considered a very fine variety and was awarded a silver medal as the best novelty. Mrs. Barkley is an incurving pink but the sport in every instance showed a replexed petal, which was much more pleasing, I think. When our flowers began to open it was found that the color was much the same as the parent, Barkley, and inquiry on "the other side" as to the why and wherefore reveals the fact that all the stock has reverted back to the pink of the parent and only the reflexing petal remains to distinguish Lady Cranston from Mrs. Barkley. Whether it will change again next year remains to be seen but Lady Cranston, if it is sent out at all to the trade, must be classed as a pink.

BRIAN BORU.

REVIEW OF THE SEASON.

As an Exhibitor Sees Varieties.

In accordance with my custom for the past four or five years I will look over the field and record my impressions by giving a list of thirty varieties, standard kinds, that have been prominent in the shows this year. It does not, of course, follow that varieties do equally well all over the country, but in the main these kinds will be found best for exhibition growers:

Whites, Merza, Ben Wells, Guy Hamilton, Nellie Pockett, Timothy Eaton and Madame Carnot.

Yellow, Mrs. E. Thirkell, Cheltoni, F. S. Vallis, Col. Appleton, General Hutton and Yellow Eaton.

Pink, W. Duckham, Leila Filkins, Lucy Evans, Lady Hopetoun, F. A. Cobbold and W. A. Etherington.

Red, Henry Barnes, H. J. Jones, S. T. Wright, Maynell and Lady Roberts.

Any other colors, Donald McLeod, Bessie Godfrey, Mary Inglis, John Fraser, Harrison Dick, W. R. Church and Ethel Fitzroy.

Novelties, are purposely omitted from this list because they have been mentioned a good deal already, from time to time, in these notes, and so long as they are not in general cultivation comparison is hardly fair.

The white section is distinguished chiefly by the fact that Merza seems to get larger every year. The flowers shown have been marvels of size, combined with perfect finish and any new white that has to run the gauntlet of comparison with Merza suffers very considerably. Nellie Pockett, Eaton and Carnot are known to everyone and need no comment. Ben Wells as a loose type of Japanese is a grand exhibition flower and so, in fact, is Guy Hamilton, though its constitution is rather delicate. The whites are reinforced this year considerably by the addition of Emily Milcham, Mrs. D. V. West and Mlle. Jeannie Nonin.

In the yellows, F. S. Vallis and Thirkell were enormous in size everywhere, the first named being probably the largest variety in cultivation today. For a refined, beautiful flower Cheltoni will win but it is a little too early in flowering to keep for any later show than the first week in November. Novelties in the yellows are Mrs. W. Duckham, Merstham Yellow and Alliance.

In pinks, Lucy Evans and Lady Hopetoun are perhaps the least known of the kinds mentioned; they are both very good, replexed in shape and clear colors. Duckham, as is natural for a variety so widely disseminated, has come in for some criticism, but the best growers are all delighted with it, and the way it has been exhibited in the east stamps it as the king in its color. This variety needs good culture, early planting and a crown bud. The terminal bud produces a flower with an eye and a deficiency of petalage. It was widely mentioned by disseminators that crown buds should be taken, yet so many growers drift along in the old rut, take their buds any time in September in spite of what they read, and then write to their paper to know why Duckham has not come up to the good reports they had heard of it. The pink novelties of the year are Valerie Greenham and Mrs. H. A. Allen.

In reds, Henry Barnes is the finest colored variety. Lady Roberts is particularly showy but a poor "doer." Maynell makes a very large flower, though apt to turn over and have a crooked neck. This crooked neck, by the way, did not develop on the first year's trial. S. T. Wright should be taken on a late bud to get the lovely coloring. Crown buds



Chrysanthemum Mrs. H. A. Allen.

make a closely incurving flower that has been exhibited as a bronze in several places.

In the any other color, W. R. Church is the best. The only trouble with it is that the color is hard to classify. Set up as a crimson it has several times been turned down by the judges because the reverse, which generally shows, is a steely bronze, while set up as a bronze it would be killed on color by Harrison Dick or Donald McLeod. In a class for six vases thirty-six flowers Church is most valuable, the unique color making it very distinct.

Bessie Godfrey has a long neck that does not improve its appearance but the color is useful, and growth good. Mary Inglis has shown an eye with some growers but it is the old story of terminal buds instead of crowns. The man who tells you that there has been no progress in mums of late years is the same man who has not improved his methods and system of culture during that time. All buds look alike to him, and "where ignorance is bliss" perhaps it's folly to be wise. The any other color has some notable accessions this year in Mrs. J. A. Miller, J. H. Doyle, Sensation and several good French varieties.

Speaking financially, the exhibitions all over the country were a success and in point of attendance, except in isolated cases, the year was a record breaker. Surely there is great encouragement in this, and, though it has taken years of hard work and effort to accomplish this end, it reflects the highest possible credit on the men who have kept everlastingly at it trying to make a flower show a success on its merits alone. It does seem that at last the great American public is beginning to appreciate the fact that a flower show is worth a good deal to a community that makes any pretentions to culture and refinement.

Next week we will review the commercial side of the mum as far as our own experience goes in that direction.

Brian Boru.



Chrysanthemum Merstham Red.

LATE VARIETIES.

I would like to ask for a list of chrysanthemums that are best for Thanksgiving. Also what varieties, if any, are good for Christmas. A. S.

Late-flowered chrysanthemums are more a result of special treatment than of being naturally late flowering-kinds. Varieties that will come in naturally somewhat late are Chadwick, Superba, Merry Christmas, Mrs. Jerome Jones, Bonnaffon and Golden Wedding. While some of these kinds can be held until Christmas I always think they look poor enough by Thanksgiving. The old W. H. Lincoln, if it is still in cultivation, is a very good late yellow and I have seen it in fair shape at Christmas.

To get late flowers cuttings should be rooted late, June or July being early enough, and then encourage the plants to grow as long as possible before setting their buds. Keep the flowers as cool as possible without actual frost and after developing they will keep in good condition on the plants for several weeks. Brian Boru.

LEAF-SPOT.

I am sending you specimens of the foliage of some pot-grown chrysanthemums and would like to know what the trouble with it is. C. J.

The disease is a leaf-spot; septoria, I believe, is the scientific term for it. There are several forms of it, but they all arise from some well defined cause, the most common being an excess of moisture with not enough air through the plants. Chrysanthemums in the fall are hardly ever entirely free from leaf disease, owing to the dense growth they make, which prevents the sun and air from penetrating the soil and drying it out, but if spraying with Bordeaux mixture or potassium sulphide, copperdine or any other of the fungus-destroyers, is faithfully performed in the early stages of growth, the leaf diseases will not do much damage to the crop.

Brian Boru.

CHRYSANTHEMUM SOCIETY.

Work of Committees.

Mlle. Jeannie Nonin, exhibited by The E. G. Hill Co., Richmond, Ind., November 19, at Boston, color white, Japanese, scored 96 commercial scale: 96 exhibition scale.

Dorothy Faust, exhibited by Wm. P. Craig, Philadelphia, December 3, before the Philadelphia committee, color white, Japanese incurved, scored 87 commercial scale. Fred H. Lemon, Sec'y.

LEAF-SPOT OUTDOORS.

In our chrysanthemum bed of earlies outdoors leaf-spot appeared slightly last year and in a worse form this fall. Because of the extended rainfall last spring the mums were not so strong and healthy as in other years. Late in September we put up our duck cover and nailed it tight overhead. In a week we drew the nails and rolled it back for leaf-spot was creating havoc beneath it. Is there any way of treating the soil of this bed to prevent leaf-spot next year? It is necessary to use this place for mums, especially from August on.

A. C. Z.

We would first of all get rid of all stock that showed any signs of the leaf rot during the past season, cleaning away every bit of decayed foliage. The soil should be loosened up and exposed to the winter, and if possible some entirely different crop should be raised there during the early summer. Assuming that this can be done, we would suggest potatoes or some crop that would leave the ground in perfectly clean condition. If this is not feasible, the ground should be worked over thoroughly several times, so that there is nothing left for the disease to exist on.

Then let new, clean, healthy stock be secured in the spring and grown in another location until the first of August, when they can easily be transplanted to where they are to bloom. This can be done very successfully on a cloudy day, or late in the afternoon, providing that they are well watered. We would then give frequent sprayings of weak

Bordeaux mixture, even before there was any sign of the spot, as an ounce of prevention is worth many pounds of cure in this case. R. A. VINCENT.

ARAUCARIAS.

Kindly inform me how to root araucarias that were raised from seed. They are now about eight inches high, and I should like to root them, by your direction. G. W. F.

It is taken for granted that the seedling araucarias in question have formed at least one tier of branchlets, and the cuttings may be taken off below that tier of branchlets, using a sharp knife and cutting the stems about two inches below the branches. Do not attempt to remove the leaves from the stem of the cutting, as such action would result in more injury than benefit on account of excessive bleeding.

Plant the cuttings singly in 2½-inch rose pots, in either pure bar sand or in cocoa fibre. The large European growers more frequently use sand alone for this purpose, the sand being pressed down very firmly in the pots and the cuttings well watered in after planting.

The cutting pots should then be plunged in sand in a propagating frame, but the frame should not be placed in a very warm house, nor given strong bottom heat. About the same temperature as that given to carnation cuttings will answer for the araucaria cuttings. They must not be allowed to get dry. Keep the frame rather close and well shaded during the day, and sprinkle the cuttings lightly with a syringe on nearly every bright, dry day, but give air to the frame every night, the object being to keep the cuttings fresh and healthy during the slow process of callusing.

The operation of rooting araucarias is one that usually occupies from three to four months, and cannot be specially hurried by extra heat, the deliberation of the process having rendered it unpopular with the majority of American growers. The cuttings should be potted off as soon as the roots show through the sand, and will require careful handling at that time as the roots are very brittle.

W. H. TAPLIN.



Chrysanthemum Dora Stevens.

CARNATIONS

WEAKENED GROWTH.

Can Mr. Baur tell us what is the matter with our carnations? The enclosed tips speak for themselves. The plants are planted in a solid bed and have been throwing off a good crop of blooms, but now we see that some of the young growths are covered with brown spots and streaks. The plants have been kept on the dry side and 50 to 52 degrees at night. We noticed the trouble about four weeks ago. Since then we have given them a top dressing of bone, ashes and sheep manure, not very heavy. The variety is Queen Louise. We have Joost planted alongside of it and see nothing the matter with it and gave it the same treatment. We would like very much to have Mr. Baur's opinion of it.

A. B. C.

Your plants are suffering from what might be termed a sour stomach. This might be brought about by a number of causes. The most common cause is overwatering at a time when the plants are not in proper shape to stand it: Too soon after planting, or right after a heavy crop has been taken off and the plants have not started into a vigorous growth, or during a rainy spell. Overfeeding will also bring it on and I am inclined to think that in your case the top dressing you gave them was responsible for most of it. At the Carnation Society's convention at Baltimore, Prof. Woods read a paper on carnation diseases and he stated that he has found that the cause of this diseased condition is punctures by insects, usually aphis or thrips. I have no doubt that in many cases you will find this true. They puncture the leaves and suck the vitality from the plants, so that they are unable to take up as much nourishment as the soil contains, causing the plant to sicken and show it in this way. I am not prepared to say whether they are always responsible for the trouble or not. These insects are so small that often they are present without the grower being aware of it. At any rate it proves a breaking down of the plant and stimulants invariably make it worse.

The fact that other varieties planted alongside do not show the same disease does not signify anything except that the one is a heavier feeder or a hardier grower than the other. You will find that some varieties will invariably show traces of this trouble during midwinter, but as soon as warm weather comes on all signs of the trouble disappear. Queen Louise, Flora Hill and Innocence are fair examples. It shows that these varieties like warm, bright weather; the darker the winter, the worse the trouble. They will show this trouble less in a temperature of 54 degrees than they will at 50 degrees. Run them a little on the dry side and keep the stimulant away from them. A little air-slaked lime dusted on the soil will help them some.

When propagating avoid the diseased plants as much as you can, as the cuttings are sure to be weak. You will find, though, that the young plants of these varieties will almost always show some traces of it until warm, bright weather comes and strong growth commences. Selection of cuttings will not prevent it the next winter unless the proper culture is given. A. F. J. BAUR.

MIXED CARNATIONS.

The raisers of seedling carnations in quantity a few years ago found it a very great loss of revenue to give space to so many varieties as they desired and in such small quantity that they had no

regular cut of any one color, but those who have persisted in the work and who retail their own product have found it possible to build up a trade on these mixed varieties which makes the cut from the seedling house as profitable, or nearly so, as the cut from any other house on the place. Fred Dorner, Jr., says that they have so educated their trade that they now have a sale for as many dozens of mixed carnations as they have for solid colors. They also find it worth while to grow a moderate quantity of odd sorts, such as purple with white variegation and other novelties, which work in nicely among these mixed dozens and are also very useful in boxes of the solid colors. In the latter case they often put in a couple of blooms of the odd sorts with a dozen of the standard colors. This, of course, is only done when the colors harmonize, and serves to attract the purchaser's attention to the oddity and he at once notices that he has received something additional to the flowers paid for. Anything which goes to impress the purchaser with a pleasing sense of novelty serves to keep that particular florist in the customer's mind.

DISCARDING LAWSON.

I read a note in last week's Review which stated that one of the best known growers would discard Lawson after this year. I have seen Nelson Fisher, Lawson's newest competitor, growing at several different places. The finest I ever saw were at the Thompson Carnation Co.'s place, at Joliet, Ill. Still many firms have houses of Lawson that eclipse any Nelson Fisher I have ever seen, and the records of the flower shows this fall tell the story regarding the quality of the blooms. Lawson certainly took care of itself by winning prizes in the classes for dark pink against all comers. At the World's Fair flower show, in the class for 100 dark pink, Lawson won first and second. In the class for best fifty dark pink Lawson won first. At the Chicago flower show Lawson won first prize in its class and won second prize in the great sweepstakes, beating everything in carnations at the show except Fiancee. After a round of the flower shows this fall Mrs. Thos. W. Lawson has seated itself more securely on the throne as queen of the dark pink carnations. Easy to root, easy to grow and very prolific, when a new pink is put on the market the first question that is asked about it is: "Is it as good as the Lawson?" If it is as good the originator will have plain sailing, and if it is better he will be unable to fill his orders, as the florists will be glad indeed when some one gets out a new pink that will beat Lawson.

An Observer.

SPORTS OF ENCHANTRESS.

Enchantress is showing many interesting sports, word of them coming from various and widely separated parts of the country. Probably the most valuable heretofore reported is the white sport which has appeared at at least two places. W. A. Harkett, of Dubuque, Ia., has a Scott pink sport of Enchantress, which, if it proves to have the attributes of the original, will prove a variety of exceptional value. The color speaks for itself. Mr. Harkett also has a blotched and striped sport of Enchantress, but the markings are not pronounced enough to give it value to the general grower. Mr. Harkett also has two sports of Lawson, light pink and Scott pink, which he is testing.



W. K. Partridge.

AMERICAN CARNATION SOCIETY.

W. B. Arnold, of The Rockland Greenhouses, Rockland, Mass., registers Variegated Lawson, a variegated sport from Lawson, snow white, marked with carmine, said marking being very distinct, without clouding or blending. Habit identical with Lawson and needs no description.

The American Carnation Society will issue a supplement to the regular premium list and this will go to press December 20. In it will be given the entry blank for the exhibition at Chicago, January 25 and 26, and the full list of premiums offered. Anyone desiring to offer a special premium for this exhibition will please forward particulars of the same at once to Albert M. Herr, Lancaster, Pa. Parties who are not members of the society can have this premium list mailed them on application to the same address. Albert M. Herr, Sec'y.

THE PARTRIDGE PLACE.

"Bloomhurst," W. K. Partridge's greenhouse establishment at Lockland, O., is well worth a visit at all seasons of the year. It is most interesting at this time, however, when carnations and roses are approaching their best. Although the roses are invariably of high grade, they are especially fine this season, even the Liberty, the most capricious of them all, behaving in a manner that speaks well for that variety if handled right. However, it is Mr. Partridge's opinion that there is ample room for a good red rose to take the place of Liberty. Golden Gate, as grown here, need not be relegated to a back seat. What it lacks in foliage it certainly makes up in size of stem and bloom, as well as in quantity. General MacArthur does not quite come up to expectations, although it is improving right along.

In carnations, Nelson Fisher is decidedly good and Mrs. Patten is unquestionably the standard of variegated varieties, being ahead of all its predecessors. Lady Bountiful is all that has been and is being claimed for it, though The Belle is a finer flower. Flamingo and Crusader are planted side by side and thus far the latter seems to be in the lead. Enchantress, as usual, is the "boss" in light pinks and, besides being a cup winner for Mr. Partridge, it is a moneymaker as well. Prosperity bids fair to usher in a prosperous crop for Christmas, but as a "cut and come again" variety it is simply not in it. Glacier is still grown in quantity, having proved a profitable carnation, although not in the fancy class. The Cardinal is being tested here. "An improved Estelle," he remarked, "ought to appeal to every grower, large or small."

Seven seedlings of his own, four white, one red, one pink and one crimson, are being tested the second season. From all indications one of the white ones is a winner, the bloom being ex-



View in the Store Recently Opened at Cincinnati by W. K. Partridge.

ceptionally fine, the stem long and erect and the habit of the plant good. The red one is equally promising, its freedom being one of its best traits. The crimson is of the Harlowarden type but somewhat brighter in color. The pink is of a pleasing color, fine form, splendid habit and vigorous growth.

Mr. Partridge's new store in Cincinnati, an account of the opening of which has appeared in the REVIEW, bids fair to prove a great success. The attendance at the flower show given at the opening and the business resulting surpassed his most sanguine expectations. The accompanying illustration shows part of the decorative effect during the opening week. X.

HANDLING POINSETTIAS.

On December 10 stop watering and syringing the poinsettias; this hardens them and they will get into good shape to cut any time after December 20. If you want them sooner cease your watering accordingly.

I have tried every imaginable way of treating the cut bracts and I have obtained the best results, but with a little trouble. Have a small oil stove at the end of your greenhouse walk, with boiling water and cut your poinsettia the desired length. You want to be a little quick about this work as you want to get about three or four inches of the stem in the hot water; hold them in it about ten or fifteen seconds and take them right out into cold water. I find that by cutting just what one can handle, say six or eight of the long stems, you can have the ends together for the hot water. The idea is not to let the stems bleed, or as little as possible. Work this properly and your flowers will not wilt.

Now, one other matter, and very important. If you cut a part of a stem after you have cured it, it will be necessary for you to go through the same process as you did when you cut them in the greenhouses. It would be well for all florists to remind cut flower buyers not to cut the poinsettia stem, or if they should, be sure to burn or boil three or four inches of the stem; also avoid a draught on them.

Don't take up your plants until January 1, and, whatever you do, don't give them any water, but have them perfectly dry. Take them up carefully, see that you don't bruise the roots, bunch them closely together and heel them in a bench in your shed. C. W. REIMERS.

AN EXPERIENCE WITH LILIES.

In the REVIEW of November 17 there was an article on lilies in answer to a subscriber. The article intimates that lilies will not do anything if they are put into heat before making good roots. As you often ask for people's experience in different matters, we would like to tell you an experience we had with our lilies last year.

They were Japan longiflorums and through various causes we did not get them until November 10, at which time they were potted and put down in shallow cellar under our barn, where we have always been in the habit of keeping our bulbs.

Along in December, about the middle, we looked at them to see if they had commenced to make roots and we were rather alarmed to see that they had made absolutely no sign of either root or top growth. We wrote to a large grower in Philadelphia and he told us that it was hopeless to expect them to do anything that year.

Now comes the part that we would like to have some one explain. At the first of January we took them all up and put them into a house with a temperature of 55 to 60 degrees at night and in the full light. At that time they had shown no sign of life, as we had the bulbs out of the pots, and yet by the end of March we had the finest lilies we ever had, stems twenty-five to thirty inches high, fine foliage and from four to eleven flowers from medium-sized bulbs.

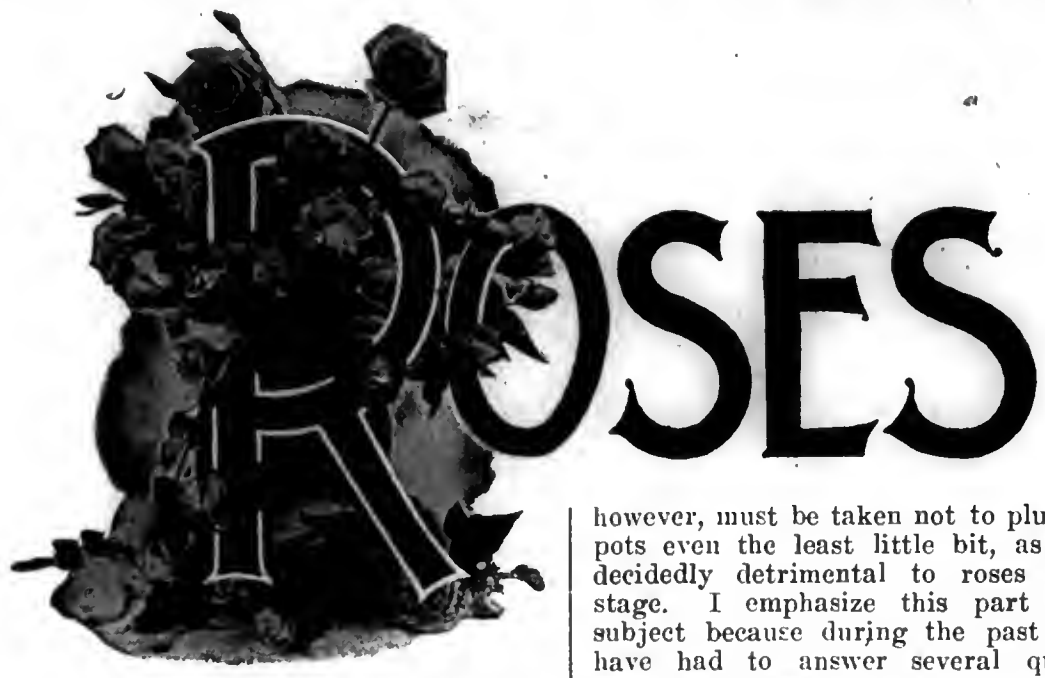
Now, we don't claim we have discovered anything new, nor do we expect to try it again; but as we came very near throwing the whole lot away, it would be well for anyone, who is in the same fix as we were to do what we did. We ran short before Easter and we went up to the city to try and get more, but did not see any finer ones than ours.

W. & N.

A NEW IDEA.

Here is a source of new business which may not have occurred to others than the originator. It happened not long since that Jones & Smith were opening a pretentious clothing store on Main street of a good sized town. They called in a local florist and gave him an order for a modest quantity of flowers for the opening. He was a nimble-witted gentleman and obtained from the new firm the names and addresses of a number of the firms from whom they had bought their new stock, also he obtained, from a copy of the clothing trade journal which he saw in their store, the names of a number of other firms whom he shrewdly suspected might like to sell goods to Jones & Smith. Returning to his store he wrote these people something as follows: "Dear Sirs: It may interest you to know that Jones & Smith are to have a formal opening of their handsome new store on November 28. I am writing thinking that you might like to express your good will through the medium of a floral offering to be delivered on the day of the opening." The result was that half a dozen firms responded with orders for very fine floral pieces.

The same idea might be worked in the opposite direction. The florist who is located in a manufacturing center, for instance, like Rochester in the clothing trade, might send a letter to a number of the manufacturers stating that when it was their desire to show good will to their customers through the medium of floral pieces for openings, etc., he would be glad to have the order, as he had facilities for delivering such work promptly through his correspondents everywhere in the United States. An occasional reminder of this character would be frequently productive of some good orders, which could be filled through the medium of the page for Leading Retail Florists in the REVIEW.



HANDLING YOUNG STOCK.

In the course of twenty-eight or thirty days after being put in the sand the young stock should be showing roots half an inch or more in length and should be potted immediately. The sand or other propagating medium contains no nutritive properties and if the young stock is allowed to remain in it long enough to break eyes and form wood, it must necessarily be of a very poor quality. The roots also will rapidly increase in size and in a short time become so large that it will be difficult to crowd them into a 2-inch pot; consequently many of them will be broken off, to the great loss of the plant.

Soil suitable for first potting should contain little manure or other fertilizer and, in order to make it suitable, it should be passed through a half-inch screen. The roots of the plant should be placed about one-third of the depth of the pot from the rim and the soil packed uniformly firm, leaving about one-fourth of an inch for water space at the surface. First watering should be performed very carefully. The soil must be thoroughly moistened clear through and, as this cannot be done with one watering without making the soil muddy, a condition which should always be avoided, it is advisable to go over the newly potted stock gently and repeat at intervals until the whole mass is moistened.

In selecting a bench whereon to place the young stock, due care should be taken to give them a nice, airy position, fully exposed to the sun's rays. It is folly to expect young stock to thrive in benches which are under shade the best part of the day, or in corners where even old stock refuses to do well, and yet in far too many places we find just such spots appropriated for young stock.

The bottom of the bench will require some sort of material spread on it in order to steady the small pots. No better material can be found than screened coal ashes spread to the depth of an inch. So long as this material is kept fresh there is little fear of poor drainage. Care, however, must be taken not to plunge the pots even the least little bit, as this is decidedly detrimental to roses at any stage. I emphasize this part of the subject because during the past year I have had to answer several questions where this practice was the whole cause of the trouble.

The temperature to which these young plants should be exposed should not exceed 56 degrees at night or range much higher than 70 degrees during the day and they should have plenty of ventilation.

Shading should be practiced only for the first four days and only then when necessity compels, as the sooner a young rose plant becomes inured to sunshine, so much more rapid will be its growth.

Plenty of water, care in syringing and an abundance of pure fresh air, accompanied with the above mentioned temperatures is all that is necessary to produce thrifty plants of a sound constitution, which, when planted in the bench, will delight the heart of the grower.

RIBES.

SOIL FOR ROSES.

I am sending a sample of the soil in which I planted some fine healthy roses last June. They have not turned out nearly as well as I have had them in other years. The plants are now two to three feet high and free from mildew, of which I had only a little this fall. I have kept a steady temperature of 58 to 60 degrees every night. The plants are now making new growth but not very strong. With the treatment I have given them they ought to be better. I think it is in the soil and would like to have your opinion. What chemicals could be applied to improve it? Would stirring the soil once a week be beneficial? I have stirred it once a month. C. L.

The surmise is correct; it is the soil that is at fault. There is little in the soil itself to support a rose and this class of soil is a poor medium with which to incorporate the essential elements. It is rather late in the season to stir the surface of the soil without causing injury to the roots.

A mulch composed of two parts decomposed cow manure and one part the top



Edward Towill's Blue Ribbon Liberties at the Philadelphia Show.



Greenhouses of Edward Towill at Roslyn, Pa. (See Philadelphia Letter, Page 128.)

spit from good pasture land, thoroughly incorporated and spread on to the depth of one inch, will surely be of benefit. When this is partly exhausted apply liquid food once a week. Be careful of chemical fertilizers until the stock becomes strong. Your temperature, if the stock is composed of Bride and Maid, would be more suitable if reduced to 56 degrees at night, allowing it to run up to 76 degrees during sunshine.

KIBES.

PRONOUNCING DICTIONARY

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Frequent inquiry as to the correct pronunciation of plant names has led us to compile the following list of names, selecting those in most common use in the trade, and including botanical terms most frequently met with in articles upon plant culture.

In our list we have used the following

KEY TO PRONUNCIATION.

a as in fat	e as in met	ō as in note
ā as in fate	ē as in mete	ö as in move
ä as in far	è as in her	ô as in nor
â as in fall	i as in pin	u as in tub
ă as in fare	ī as in pine	ū as in mute
à as in Persia	o as in not	ú as in pull

The syllables to be accented are marked thus ′.

(Continued from last week.)

B

Babylonica—(bab-i-lō′ni-kå).
Baccata—(bak-ā′tå).
Baccili—(ba-sil′ī).
Baccillus—(ba-sil′us).
Bacteria—(bak-tē′ri-å).
Bacteriosis—(bak-tē-ri-ō′sis).
Balsam—(bâl′sam).
Bamboo—(bam-bö′).
Bambusa—(bam-bū′så).
Banksia—(bangk′si-å).
Baptisia—(bap-tiz′i-å).
Barbata—(bär-bā′tå).
Barclayana—(bär-klā-ā′nå).
Batemanianum—(bāt-man-i-ā′num).
Begonia—(bē-gō′ni-å).
Begoniaceæ—(bē-gō-ni-ā′sē-ē).
Bella—(bel′å).
Belladonna—(bel-a-don′å).
Bellis—(bel′is).
Bellum—(bel′um).
Belmoreana—(bel-mō-re-ā′nå).
Berberis—(ber′be-ris).
Bessera—(bes′e-rå).
Betula—(bet′ū-lå).
Bicolor—(bī′kul-or).
Bicornis—(bī-kôr′nis).
Bicuspidata—(bī-kus-pi-dā′tå).
Biennial—(bī-en′i-al).
Bifid—(bī′fid).
Bigeneric—(bī-jē-ner′ik).
Bignonia—(big-nō′ni-å).
Billbergia—(bil-ber′je-å).
Biota—(bī-ō′tå).
Bipinnate—(bī-pin′āt).
Bipinnatifid—(bī-pi-nat′i-fid).
Blechnum—(blek′num).
Bocconia—(bo-kō′ni-å).
Boltonia—(bōl-tō′ni-å).
Bomarea—(bō-mā′re-å).
Bona Nox—(bō-nå-noks′).
Borbonica—(bor-bō′nik-å).
Boronia—(bor-ō′ni-å).
Botrychium—(bo-trik′i-um).
Botrytis—(bo-trī′tis).
Bougainvillea—(bö-gān-vil′ē-å).
Bouquet—(bö-kā′).
Boutonniere—(bö-ton-iār′).
Bouvardia—(bö-vär′di-å).
Bowringiana—(bō-ring-i-ā′nå).
Bract—(brakt).
Bracteata—(brak-tē-ā′tå).
Brahea—(brā′hē-å).
Braziliensis—(bra-zil-i-en′sis).
Briza—(brī′zå).
Bromelia—(brō-mē′li-å).
Bromus—(brō′mus).
Browallia—(brō-wal′i-å).
Bulbiferous—(bul-bif′e-rus).
Bulbous—(bul′bus).
Bullata—(bul-ā′tå).
Buxus—(buk′sus).

C

Cactaceæ—(kak-tā′sē-ē).
Cacti—(kak′tī).
Cactus—(kak′tus).
Cærulea—(sē-rö′lē-å).
Caladium—(ka-lā′di-um).
Calamus—(kal′a-mus).
Calanthe—(kal-an′thē).
Calceolaria—(kal-sē-ō-lā′ri-å).
Calendula—(ka-len′dū-lå).
Calla—(kal′å).
Callirrhoë—(ka-lir′ō-ē).
Callistephus—(ka-lis′te-fus).
Calluna—(ka-lū′nå).
Calochortus—(kal-ō-kôr′tus).
Caltha—(kal′thå).
Calycanthus—(kal-i-kan′thus).
Calypso—(ka-lip′sō).
Calyces—(kal′i-sēz).
Calyx—(kā′liks).
Camellia—(ka-mel′iå).
Campanula—(kam-pan′ū-lå).
Campanulaceæ—(kam-pan-ū-lā′sē-ē).
Campanulate—(kam-pan′ū-lāt).
Candidissima—(kan-did-is′i-må).
Candidum—(kan′did-um).
Canina—(ka-nī′nå).
Canna—(kan′å).
Capillus Veneris—(kap-il′us-ven′er-is).
Capsicum—(kap′si-kum).
Capsule—(kap′sūl).
Cardinalis—(kär-di-nā′lis).
Carex—(kā′reks).
Carludovica—(kär-lū-dō-vī′kå).
Carnation—(kär-nā′shun).
Carpel—(kär′pel).
Caryophyllus—(kar-i-ō-fil′us).
Caryota—(kar-i-ō′tå).
Cassandra—(ka-san′drå).
Cassia—(kash′iå).
Cassiope—(ka-sī′ō-pē).
Castanea—(kas-tā′nē-å).
Catalpa—(ka-tal′på).
Catasetum—(kat-a-sē′tum)
Catkin—(kat′kin).
Cattleya—(kat′lē-å).
Caudata—(kâ-dā′tå).
Caudex—(kâ′deks).
Caulescent—(kâ-les′ent).
Ceanothus—(sē-a-nō′thus).
Cedrus—(sē′drus).
Celastrus—(sē-las′trus).
Celosia—(sē-lō′si-å).
Centaurea—(sen-tâ′re-å)
Cephalotaxus—(sef-a-lō-tak′sus).
Cerastium—(se-ras′ti-um).
Cerasus—(ser′a-sus).
Cercidiphyllum—(ser-si-di-fil′um).
Cercis—(ser′sis).
Cereus—(sē′rē-us).
Chalcedonica—(kal-sē-dō′ni-kå).
Chamæcyparis—(kam-e-sip′a-ris).
Chamærops—(ka-mē′rops).
Cheilanthes—(kī-lan′thēz).
Cheiranthus—(kī-ran′thus).
Chionanthus—(kī-ō-nan′thus).
Chlorophyl—(klō′rō-fil).
Chlorosis—(klō-rō′sis).
Chromatella—(krō-mat-el′å).
Chrysanthemum—(kri-san′thē-mum)
Chrysophyllum—(kris-ō-fil′um).
Cibotium—(sib-ō′ti-um).
Cineraria—(sin-e-rā′ri-å).
Circinate—(ser′si-nāt).
Cirrose—(sir′ōs).
Cirrus—(sir′us).
Cissus—(sis′us).
Cistus—(sis′tus).
Citrina—(sit-rī′nå).
Citriodora—(sit-ri-od-ō′rå
Citrosmum—(sit-ros′mum).
Citrus—(sit′rus).

(To be continued.

CATTLEYA BOWRINGEANA.

One of the best of the autumn flowering cattleyas is C. Bowringeana. It comes in season just before C. labiata, covering what would otherwise be a rather dull season. This variety was first introduced from Central America in 1886. We find it succeeds well in the warmest end of the cattleya house, grown in pots or pans. For compost we use good osmunda fern fibre and have not found anything superior. C. Bowringeana is a very vigorous flowering variety, so requires quite large pots or pans. It is somewhat allied to the summer flowering C. Skinneri, which it resembles in color. The flowers are two and a half to three inches across, usually of a rich, rosy purple color, the front of the lip being deeper purple, with a transverse maroon band. In the variety lilacina the flowers are of a bluish color. Usually the racemes carry from ten to twenty-five flowers, occasionally as many as thirty to thirty-two. The illustration shows a raceme of forty-seven flowers, one of my plants produced the past season. The plant carried six large racemes and one or two small ones and was grown in a 15-inch pan. None of the other racemes carried over twenty-six flowers each.

As this orchid is now fairly plentiful and inexpensive, and comes in flower at a period when orchid blooms are rather scarce, it should be especially useful for florists who need choice flowers.

W. N. Craig.



Cattleya Bowringeana.
(A raceme bearing forty-seven flowers.)

Cedar Rapids, Ia., is to have $60,000 a year for the next three years to expend in park improvements.

Steubenville, O.—A. L. Wells & Co., have moved their flower store to the Specht building on North Fourth street.

Wheeling, W. Va.—Miss Clara P. Forbes, of the Wheeling Greenhouse Co., is sending out "Christmas Suggestions" in the form of a red Christmas bell, hand lettered, enclosing several pages of lists of seasonable goods, printed in colors.

Vegetable Forcing.

VEGETABLE MARKETS.

Chicago, Dec. 7.—Lettuce, heads, $3 to $3.50 bbl.; leaf, 30c to 35c case; cucumbers, 50c to $1.25 doz.

Boston, Dec. 6.—Tomatoes, 15c to 25c lb.; mushrooms, 60c to 75c lb.; lettuce, 25c to 35c doz.; parsley, 75c to $1 box; cucumbers, best, $6 to $8 box; seconds, $1.50 to $3.50 box; radishes, 20c to 25c doz. bunches; mint, 75c doz. bunches.

POLLINATING CUCUMBERS.

Some time ago I received this inquiry from a correspondent, "What is meant by pollination?" I had assumed that growers would know what the term meant but in this case, and no doubt in others, I was taking too much for granted. For the benefit of any who may not know I will try to explain what the word means, and would also like to impress on them the necessity of pollination to insure a free set of such subjects as tomatoes and cucumbers.

Pollination is the act of transferring the pollen (a yellow, floury substance) from the stamens to the pistil of the flower, where it must be placed before fertilization—or what is commonly called setting of the fruit—takes place. In cucumbers, melons and plants of this class the stamenate (male) and pistilate (female) flowers are quite distinct, though both are produced on the same plant. The female flowers of this class are easily discernible by having the miniature fruit, or seed vessel, immediately behind the flower. The flowers being distinct, they are not self-pollinating, but require the assistance of some outside agency to transfer the pollen from the one flower to the other. The natural agencies, when the plants are grown outdoors under natural conditions, are wind and insects, but under greenhouse treatment, in winter especially, neither of these agencies can accomplish the distribution of the pollen; hence the necessity of transferring it by hand from the stamen to the pistil.

Pollination is not always necessary for a crop of cucumbers, as in the case of what is known as the English frame varieties, which will swell and attain their full size without being fertilized, but of course will produce no seed. In England preference is often given to unfertilized cucumbers on account of the absence of the seeds. This class of cucumbers, however, has never become popular in America, our White Spine variety being generally preferred. For this fertilization is necessary before the fruit will swell. Cucumbers are one of the best adapted subjects for hand pollination. By simply stripping off or turning back the petals so as to bare the stamens the pollen may be applied direct to the pistil of the other flower, where it is held by a sticky substance with which it is provided. Bright days should, if possible, be chosen for pollinating, as on such days the pollen is not only drier and easier transferred but the stigma of the female flower is in better condition to receive it.

W. S. Croydon.

CHICAGO.

The Market.

Receipts have been gradually on the increase during the past week, but there is still a good market for first-class material. Beauties are now the principal shortage and it is frequently impossible to fill orders for these. The long-stemmed stock goes farther than the medium and short lengths. It is possible to meet almost all requirements for good Bride, Bridesmaid, Chatenay and Liberty, but there is no surplus of the better grades and prices have held stiff and now are advancing. A good part of the cut is now placed in the best grade, but the demand for short stuff is dependent on the call for funeral flowers and these pull down the average considerably. The shortage of carnations has eased up, although the growers are still bringing in very light cuts and late orders are not always filled. Some days prices are much easier than they were a week ago, but they soon stiffen up again. There are large supplies of Romans, Paper Whites and valley, and these are making low prices. The New York violets are doing fairly well and singles clean up, but the receipts of Lady Campbell are frequently a problem for the wholesalers. Much of this stock is well sold if disposed of at any figure. There continue to be abundant supplies of "green goods," but prices on smilax are being marked up. The market is full of red berries.

"Subject to Change."

The wholesalers have been busy the past several days explaining to out-of-town buyers that "subject to change without notice" on the price lists means just what it says. Of course they all try to bill stock at quoted prices if at all possible, but the lists are never anything more than the wholesaler's best judgment of what prices will be, and once in a while the wholesaler's judgment is off, away off occasionally. One of these times was Thanksgiving, when practically every house in town quoted carnations of ordinary grade too low and had to bill them out at prices quoted for fan-



The Gardening Staff at Lincoln Park, Chicago, Ill.

Standing:—Wm. Lampe, John Higgins, J. Galley, George Waiflein, Carl Rabe, Paul Stoever. Seated:—John Schnell, C. J. Strombach, consulting gardener; M. M. Schneider, Alois P. Frey, head gardener.

cies, for it is supply and demand at date of sale which really regulate prices. To make matters worse, the same mistake was made the week after Thanksgiving, for no one foresaw that prices then would be above those for the holiday. Of course the market became easier after a few days, but it made the wholesalers lots of trouble while the great scarcity lasted. Probably this week it is the growers who are kicking, for the universal shortage led them to expect more than the stock really averaged.

Christmas Prospects.

What Christmas will see in the way of supply and prices depends wholly on the weather. There is plenty of stock in sight on the plants, particularly roses, if we have mild temperatures and sun, but weather like that of last week holds growth almost at a standstill.. Even under the most favorable conditions Liberty roses and red carnations will be far short of the demand. Beauties are also likely to be very scarce, short and medium lengths particularly so. White is never in heavy demand at Christmas and, whatever growers may be tempted to do, they are advised to send in their white stock as fast as ready. There will be a good market right along now.

The Florists' Club.

There was a special meeting of the Florists' Club Tuesday evening at the office of the Benthey-Coatsworth Co., for the purpose of taking immediate action to participate in the appropriation shortly to be made by the state legislature for experimental work at the experiment station at the State Agricultural College. Prof. A. S. Beal was present and told what is being done for other branches of horticulture, etc., and how it is financed. He said that the station authorities would like to put up a range of about five greenhouses and devote them to work in the interest of the florists. He told how to go to work to secure the necessary appropriation from the state. This is a matter which has been up before and which has the approval of every man in the trade. A committee was appointed to draft a resolution expressive of the club's position and to set an active campaign in motion.

The Florists' Club skipped the regular November meetings because of so much flower show activity but will meet tonight, at Handel Hall.

Various Notes.

Some of the special stock made very good prices the past week. The Benthey-Coatsworth Co. has been getting 15 cents for special Maids and one customer offered 18 cents on condition that he could have all that were received on a certain day. He got them. Peter Reinberg has had Liberty that brought $2 a dozen. Weiland & Risch have also been getting big prices for special Maids this week.

Poehlmann Bros Co. are looking forward to the Christmas business being the best in the history of the concern. The blue ribbons will have no small part in making it so.

C. R. Hills and G. F. Crabb, of Grand Rapids, were in town last week to transfer Crabb & Hunter's lease at the Growers' Market to the Grand Rapids Florists' Association. This was organized by nine firms, who have since been added to, who will do their selling as one. Mrs. Jamison, who sold Crabb & Hunter's cut is in charge.

E. E. Pieser says that he disagrees with those who do not count 1904 a good year for the florists. He believes that the trade at large was never so prosperous as during the year just drawing to a close and that the business in the Chicago market, in the aggregate, is ahead of the best previous year.

Phil Hauswirth's name among the Red Men is now Grandpa Two Times; his daughter has a lusty baby boy born last week.

Mrs. Simonds, wife of D. F. Simonds, of the Ogden Floral Co., passed away Tuesday morning. She had one son, Harry Simonds, who is employed by Percy Jones, in the Growers' Market, and the Market people sent a great standing wreath to the funeral, as a partial expression of their sympathy.

Gustavus Adolphson, an employe of the George Wittbold Co., shot himself in the basement of the store at 1657 Buckingham Place December 3. He was an old employe, was well liked and no cause can be assigned for his act.

Albert Kroeschell, the senior of the four brothers who comprise the company making the well known greenhouse boiler, died Thanksgiving day. The many friends of the firm extend sympathy.

H. N. Bruns lost a baby boy last week and has the sympathy of all.

M. Weiland had some very large funeral work at Evanston on Monday and made heavy calls on the market.

C. W. Reimers returned to Louisville Saturday night after spending a week here selling poinsettias. He was well pleased. Among others, Wienhoeber took 400.

John Lang, Melrose and Robey streets, has gone to his old home at Eisenach, Germany, expecting to return in eight months.

Many wholesalers handle wild smilax in quantity. It is not in the hands of any one wholesaler by any means.

W. B. Hilton has interests which will call him to Cuba again this winter and he contemplates going thence to the Pacific coast with his family. He will sell his store if opportunity offers.

The Wilks Mfg. Co. says that business is very good this fall. A great number of the smaller establishments throughout the country use their heater, it being admirably adapted to the work required in such places.

Baumann & Co. say the sale for Christmas bells has been far ahead of expecta-

tions. The market is well cleaned up on them.

J. D. Thompson says he already has over 30,000 carnation cuttings in the sand.

Stollery Bros. will have a goodly number of azaleas and considerable bulbous stock in pans for Christmas.

Bowling.

The bowlers are having their regular weekly contests and the attendance each Tuesday evening, at Thompson's alleys, is very large.

Following are the scores made Tuesday evening, December 6:

Wintersons.	1st	2d	3d
Scott	163	152	142
Pruner	118	132	...
Hagge	151	138	135
Winterson	129	95	124
Stevens	148	192	187
Totals	709	709	587
Lambros.	1st	2d	3d
Lambros	168	146	146
Huebner	131	118	152
Benekos	135	158	156
Matiss	117	93	108
Venson	194	126	245
Totals	745	641	807
Hauswirths.	1st	2d	3d
P. J. Hauswirth	120	178	135
Kreitling	187	125	113
Klunder	113	137	121
Balluff	169	192	138
Totals	589	632	507
Asmus.	1st	2d	3d
Bergman	159	136	131
Pasternick	137	135	117
Buxton	130	129	128
Asmus	193	159	168
Totals	619	559	544

ST. LOUIS.

The Market.

Only fair business can be reported since Thanksgiving, but the cold weather and approaching holidays should stimulate the retail trade greatly the next few weeks. The supply of stock at the commission houses has improved greatly and there is plenty of first class material to fill any size order without much trouble. The weather has been somewhat cold and cloudy since the closing of the World's Fair. On that day, Francis day, a number of large orders were filled. President Francis received a large number of great bunches of American Beauties from friends in the different departments. Every corner of his office was filled with flowers. This marked the closing of the great Louisiana Purchase Exposition, which did a great deal of good for all the local florists.

Holly and ground pine wreathing have made their appearance. A great many store fronts are putting on a holiday attire this early. Many orders are in for wreathing and holly and a heavy demand for both is expected from now on. Our wholesalers report a heavy demand for paper bells this year.

On looking over the stock at the wholesale markets Monday morning, I find a fine supply of Bride, Maid, Perle, Meteor, Liberty, Carnot and Gate, which have come down in price a little since Thanksgiving. Beauties in the long fancy grades are not over-plentifnl. Mediums and shorts are rather plentiful and demand good. Carnations are extra fine and have a heavy demand in all grades. Enchantress, Lawson and Wolcott have first call, with Nelson, Joost and White Cloud next. The whites have been in big demand the past week, with a good deal of colored stock left over after morning sales. Romans, Paper Whites and valley are moving satisfactorily, with plenty for the demand. Violets are also selling well, Californias much better than doubles. Prices on these are a great deal lower than last week. A few good sweet peas are in the market at $1 per hundred, but hardly enough to create a demand. A great deal of smilax was used up last week. Other greens had equally as good a demand. Fine adiantum and Asparagus plumosus and Sprengeri are in the market enough for all demands.

Various Notes.

Charles Kuehn is having a big run on Christmas supplies from outside the city. Shipping orders for cut flowers are also large. The big wire department upstairs is busy with designs of all kinds.

Frank Ellis reports some large shipping orders the past week, both cut flowers and supplies. His Thanksgiving business was above expectations. His consignors are supplying some extra fancy stock these days.

At Henry Berning's a good shipping trade is reported in all lines. He has laid in a large stock for the holidays in supplies. "Billy" Winters and the Udes stock from Kirkwood are good sellers at this place.

Frank Fillmore reports trade good with him, especially in funeral work, with which they have been very busy of late. His carnation and rose houses are supplying all the stock used this fall.

Wm. Schray & Sons are also having a big run on funeral work of late and report good Thanksgiving trade.

Wm. Edlefson, of Milwaukee, was down the past week to attend the closing of the World's Fair.

Fred Ammann, of Edwardsville, Ill., was a visitor the past week. He reports stock at his place in fine condition and home trade good during Thanksgiving.

J. J. B.

ELMIRA, N. Y.

The sensation in local business circles during the past week was the announcement that Wm. Algie, president of the United States Cut Flower Co., had resigned his position. It has been known for some time that there was friction among the officers of the company, owing to differences of opinion in matters of management and policy. Meetings of the directorate have been frequent of late and finally culminated in the purchase by the stockholders of the stock held by Mr. Algie and his retirement from control of this large plant.

W. R. Compton, United States marshal and one of the largest stockholders, has succeeded to the presidency and Seymour Lowman, city chamberlain, has been elected to fill the vacancy in the directorate caused by Mr. Compton's advancement. The business will be conducted with some changes of policy, but will be upon the same sound financial basis as heretofore.

R.

We are sending a dollar for the renewal of our subscription to the Review, which has proven very satisfactory to us; we shall give you all the advertising we have to do in the future.—Weber Bros. Ironton, O.

"I could not possibly do without the Review; when I fail to get it of a week I am completely lost."—J. R. Farrant, Newport, Vt.

PHILADELPHIA.

The Market.

Conditions have changed since the last report. The supply of cut flowers has decreased with the advent of real winter, while the demand has increased, the social season being well under way. The city shops are just as busy as they can be, while from outside cities come heavy orders. The opening of congress on Monday took great quantities of all kinds of stock to Washington. To Baltimore went large shipments of valley, Beauties and other fine flowers for the first german, which opens their social season. Prices have stiffened a little, with indications that they may go higher. Choice stock of all kinds sells much better than the poorer grades. Gardenias and cattleyas continue very scarce. Carnations are improving in quality and sell well, as does valley. Greens of all kinds are in demand.

Roslyn.

Edward Towill, whose fine Liberties attracted favorable comment at the Pennsylvania Horticultural Society's fall show, has nine greenhouses near Roslyn. Five are devoted to Liberties, three to Beauties and one is a propagating house. The Liberties are chiefly grown in a range of Dietsch pattern short even-span, open between, in which Lord & Burnham Co. furnished material for three new houses to be added to one old one. The fifth house is low, with two beds and one walk.

The Liberties are full of vigor, throwing up heavy ground canes. They are all planted in solid beds without drainage. Two of these beds are filled with young plants. All the others are two-year-old stock transplanted last summer. All show remarkable vigor. The improvement in Liberty growing has been very rapid. A few years ago ground shoots came in June with Mr. Asmus; now Mr. Towill has them in November.

The Beauties look well. They have been producing heavily. It is planned to leave them in the solid beds the second year, this being their first season. The cut of this place is distributed by Samuel S. Pennock.

Germantown.

William Berger is one of the pioneer florists of Germantown. He started in a small way when Louis C. Baumann and Woltemate Bros. were the leading florists of that suburb. Since then Mr. Berger has worked steadily on, through good luck and bad luck, until today he has a nice range of glass back of his home on Queen street and a fine store and show in the center of the shopping district, where his son carries on a large business. It has taken lots of pluck and hard work to accomplish these results. For a long time the greenhouses did not pay enough and jobbing gardening was an important feature of the work. When the store was started, in a very small way, the odds and ends needed were at first a serious drawback. Gradually these obstacles were overcome and now the greenhouses and store support about a dozen men.

Mr. Berger has two houses of carnations, both in excellent shape. One is filled with Mrs. Lawson, the other with Enchantress and a few Boston Market. The Enchantress are all bearing freely. One lot, the finest, was planted in the bench in June and grown indoors all summer. The next was planted from 4-

inch pots after the asters were over, while the third lot was field-grown.

There are a great many poinsettias in 6-inch pots from soft wood cuttings, the height varying with the age. Gardenias in 6-inch pots were wonderfully full of buds. Sixteen were counted on one plant. They have been bearing for some time. Two houses were filled with chrysanthemums, now all over but a few that are being saved for an order. They embraced the leading commercial sorts. Their place is being filled with callas, lilacs, freesia and other stock. Later there will be lots of lilies. There is a big palm house full of interesting things and the nucleus of an orchid collection.

Mr. Berger has a keen sense of humor: In describing the improvement in the class of customers from the tiny store, where they had to wait on the sidewalk until the person ahead was through inside, to the present commodious quarters, he said: "There was not so much cash business, but far more with rich people who didn't want to pay." Let us hope they did in the end.

Rose Richmond.

E. G. Hill came to this city all the way from Indiana last Saturday, bringing with him a handsome bunch of his new red rose, Richmond. Mr. Hill put his novelty in water in one of Samuel S. Pennock's storage rooms and then repaired to Horticultural Hall. From that point of vantage, Secretary Rust kindly telephoned to the rose growers to come to town and pay their respects. To show their appreciation of this courtesy and to prove that Philadelphia is not sleepy, a goodly number responded. Among the callers at Mr. Pennock's were W. R. Smith and the Gude brothers, of Washington. John Burton and George Samtman came in from Wyndmoor, Joseph Heacock from Wyncote, Robert Craig from West Philadelphia, Alex B. Scott from Sharon Hill, A. Farenwald from Hillside, Ed Towill from Roslyn, and Stephen Mortensen from South Hampton.

Comparing Richmond with Liberty, it may be said that the new rose is a shade brighter in color, the flowers more uniform in size, though a trifle less double. The stems are all strong, holding the buds erect, a quality not always seen in Liberty. The best blooms were not equal to the special grade of Liberty for which Philadelphia is becoming famous. This, however, may readily be secured after further cultivation. Mr. Heacock was particularly enthusiastic about Richmond.

Various Notes.

The Leo Niessen Co. filled some excellent shipping orders for Washington early this week, nearly all the staple varieties of flowers being used. They also report a good demand for carnations, over 10,000 being sent out one day.

Edward Reid has been receiving good Marie Louise violets from New York, which find ready sale.

William J. Baker has been receiving and distributing many choice carnations. Mrs. M. A. Patten, from William Swayne, is beautiful.

R. C. Hayden, secretary and treasurer of the Philadelphia Cut Flower Co., who has been ill for two weeks, is happily recovering. He was back at his office this week.

Fred Ehret continues receiving fine blooms of Dorothy Faust. The fame of this fine white chrysanthemum is going abroad.

Mrs. Charles E. Meehan, wife of the popular manager of the Flower Market, was badly bruised and shaken in a trolley accident a few days ago. Fortunately she was not seriously hurt and it is hoped will soon be about again.

Matrimony has claimed two of Charles Fox's able assistants. His daughter, Miss Fox, and Miss Corsen have lately been wedded.

B. Eschner, of M. Rice & Co., is home again, as busy as one could wish.

Charles F. Edgar, of Berger Bros., reports that they are receiving fine California violets from J. F. Johnson, of Lancaster.

Philip Freud, of H. F. Michell Co., states that good holly will be scarce, lycopodium about equal to the demand. This house does a large business in the above greens and in laurel wreathing.

John F. Andre, of Doylestown, is sending extra fine Bridesmaids to Fred Ehret.

A. E. McKissick, of the Leo Niessen Co., when in Baltimore last week, was privileged to see a very elaborate home wedding decoration arranged by Samuel Feast & Son.

I. A. Smith, of the H. F. Michell Co., states that barring a few medium-sized Japanese lilies and some odds and ends, their bulb season has been closed most satisfactorily. PHIL.

I ENCLOSE a dollar for the renewal of my subscription to

THE WEEKLY FLORISTS' REVIEW

I would not miss an issue of the "REVIEW" for four times the amount of the subscription price. It is a bright, clean, well-edited trade journal and it should receive the hearty support of the entire craft.

N. H. PADGETT.

Unandilla, N. Y.
Nov. 30, 1904.

BOSTON.

The Market.

Since Thanksgiving we have had a very good market; prices are well maintained and in some cases slightly higher. Stock continues to clear out well, nothing but a little inferior material having to be carried over in the ice chests. The best grades of Brides and Bridesmaids are higher, making up to $12.50 per hundred. Some nice Liberties are coming in. This popular rose always sells quickly, the best making $15 to $20. Newtonville Greenhouses continue to send fine Bon Silene and Safrano to the Park street market. These sell at $4 per hundred, and the growers note an increasing demand for these old favorites.

Carnations are now of first-class quality, whites selling lower than the colored varieties. Some extra fine Enchantress, Fair Maid, Wolcott, Queen, Mrs. Patten, Flamingo, Harry Fenn and Boston Market are coming in. From $3 to $4 per hundred is the ruling price for fancy stock. Violets are rather scarce and in brisk demand. Singles make from $1 to $1.50, while Campbells average 75 cents. Chrysanthemums are nearing the end. The best bring $12 per hundred. A few lots of poinsettias are coming in and sell well. Prices on other commodities remain about the same.

Horticultural Society.

Quite a number of changes will appear in the prize schedule of the Massachusetts Horticultural Society for 1905. The committees in charge of the same hope to have it printed about January 1. A few of the more important changes are appended:

At the show on February 11, a class is allotted for six pots or pans of Begonia Gloire de Lorraine, seven classes are given to carnations and two to violets. The orchid class is stricken out. The show of March 23 to 26, when the American Rose Society meets with the Boston society, has a substantial increase in prizes. The classes for groups of decorative roses, Easter plants other than bulbous plants and spring flowering bulbs are especially attractive. For the May and rhododendron shows few changes are made. Two additional classes are added for peonies on June 10. Sweet pea day comes July 8 and pentstemons on July 22. August 5 is perennial phlox day, August 12 annual day, August 19 gladiolus day and the following week China asters will be displayed.

No important alterations are made for the September show, but at the chrysanthemum exhibition a new class calls for twelve bush plants not disbudded and another for six plants in not over 7-inch pots carrying six flowers each. These are added on account of the increasing favor in which smaller flowers are held. Seven carnation classes are also added to this show.

The garden committee will offer prizes for the best herbaceous garden and the best peony garden. To encourage owners of small estates, prizes are offered for estates not exceeding three acres, the money being generously contributed by a prominent patron of horticulture. Classes are also added for vegetable gardens, lettuce and cucumber houses.

President Estabrook has signalized his election to office by encouraging his friends to join the Massachusetts Horticultural Society. He presented no less than eighteen applications on December 3, with more to follow. Nearly all are life members.

Various Notes.

The many friends of J. T. Butterworth were pained to learn of his critical illness last week. Mr. Butterworth underwent a very serious operation at the Framingham hospital on November 29. Peritonitis set in on December 2 and his condition causes grave anxiety. That he may pull through is the fervent wish of his numerous friends.

R. C. Pye, of Nyack, N. Y., was in town last week, accompanied by E. Jenkins, of Lenox. Mr. Pye brought with him blooms of Mr. Dolby's new seedling carnation, Senator Crane, which recently attracted much favorable notice at the Boston show. He has purchased the whole stock and has undoubtedly secured a good thing.

ROSES CARNATIONS

We produce First Grade Stock in such great quantities that we Can fill shipping orders for Select Stock at any time.

AMERICAN BEAUTY—		
Extra long stem	per doz.,	$6.00
30-inch stem	"	5 00
24-inch stem	"	4.00
20-inch stem	"	3 00
15-inch stem	"	2.50
12-inch stem	"	2.00
8-inch stem	"	$1.00 to 1.50
Bridesmaids	per 100,	5.00 to 8.00
Bride	"	5.00 to 8.00
Golden Gate	per 100,	$5.00 to 8.00
Perle	"	4.00 to 6.00
Ivory	"	5.00 to 8.00
Liberty	"	5.00 to 10.00
Meteor	"	5.00 to 8.00
Roses (our selection)	"	4.00
Carnations, ordinary	"	3.00 to 4.00
Carnations, fancy	"	5.00

All other stock at lowest market rates—No charge for packing. Prices subject to change without notice.

WIETOR BROS.

51 Wabash Avenue, ...CHICAGO.

J. W. Foote is sending in some superb Fair Maid carnations to the new market. A. Roper's new striped seedling, Chester Roper, shows up well at the same stand. Donald Carmichael, of Wellesley, is sending in extra good Enchantress, Fair Maid and Queen.

Norris F. Comley is trying Dutch bulbs as a side issue this year and has 45,000 tulips coming along, from which he hopes to reap substantial returns later.

Alexander Montgomery was in New York the past week in the interests of the American Rose Society. He reports considerable enthusiasm in that city for the show next March and says that everything points to a first-class show. W. J. Stewart, of this city, has been appointed to succeed Leonard Barron, resigned, as secretary of the American Rose Society.

Houghton & Clark had some extra fine cattleyas and poinsettias in one of their windows at their Boylston street store the past week.

W. E. Doyle, at his Back Bay and Beacon street stores, is showing some splendid Killarney roses, a variety which seems to be increasing in popularity. White camellias and Daphne Indica odorata were features in one window.

The North Shore Horticultural Society has elected the following officers for 1905: President, P. R. Sanborn; vice-president, W. B. Jackson; secretary, James Salter; financial secretary, James McGregor; librarian, Henry Clark. This society is in a flourishing condition.

At the Harvard Botanic Gardens, Robert Cameron has a beautiful lot of Begonia Gloire de Lorraine. The primulas and cyclamens promise a grand display a little later.

Among the last of the chrysanthemums to be seen at the stores are Minnie Wanamaker, Maud Dean, still the best late pink in commerce; Chadwick and the old Cullingfordii. One or two growers have batches of Yanoma and Merry Christmas which they will hold for Christmas.

The Gardeners' and Florists' Clubs' next meeting will be held on December 20. It is possible that the members may decide to offer some gold and other medals for roses at the meeting of the American Rose Society in March. Quite a few of the members favor such action.

Some of our recent visitors tell us that New York and Chicago had bigger and better chrysanthemum shows than Boston. We do not doubt their bigness, but question their superiority in all-around quality. Of course, it is but natural for our bigger sisters to be a little jealous, but we would remind them that Boston had sixteen exhibitions last year, while all the energies of the New Yorkers produced but two and that of Chicago one show.

Yellow marguerites are very much in demand at present but rather scarce. Wax Bros. had quite a hunt for 1,500 the past week.

J. H. Delay had a decoration for Prince Fushimi on December 3.

J. W. Howard, of Winter Hill, grew the early spiræas shown by Zinn for Thanksgiving trade and referred to in our last issue.

William Spillsbury, of Woburn, brought in 19,000 Princess of Wales violets on Thanksgiving eve, 4,000 more than his nearest competitor.

Mrs. J. W. Rogers runs the Summer street store referred to in our last and does all her own buying.

A few Lilium Harrisi are now coming into the market.

At the dinner tendered to Prince Fushimi at the Algonquin Club on December 2, Galvin used white chrysanthemums chiefly in the decorations. At a dinner given by the prince himself on December 4 poinsettias were the only flowers used.

A number of charity fairs in which society people are prominent at the Vendome, Copley Hall and Thorndike, have used a good many flowers and plants during the past few days. First-class carnations brought as high prices as Bride and Bridesmaid roses at these functions.

F. W. Fletcher, of Auburndale, finds schizanthus very useful in his retail work and is growing several varieties of it, both in benches and pots. He finds it has wonderful lasting properties in water and is excellent in design work.

W. N. Craig.

Fall City, Neb.—Simonton & Pence have rented a part of Sowle's confectionery store and started a flower store.

NEW YORK.

Various Jottings of Interest.

A store to be called the Flower Market will open this week on West Forty-fourth street, between Fifth and Sixth avenues. It is a big store, with mirror effects and marble counters and is claimed to be a departure from present methods. Jos. Fleischman is at the head of it. Just what may be its object beyond selling cut flowers and getting the usual prices for them is hard to understand. It is stated that the company has associated with it nine prominent retailers and twenty-five growers. Looks like a combination of growers, retailers and wholesalers and the foretaste of the millennium! Near it are the old established shops of McConnell, Thorley, Siebrecht, Thos. Young, Jr., Wadley & Smythe and Dards.

Christmas is in the air. Down on West street the aroma of the north woods is already dominant. In the retailers' windows more than anywhere else appear the signs of the times. Already in one's imagination can be heard the Christmas bells, and their counterpart in many a size and style add to the interest of the decorations. Flowering plants, poinsettias, acacias, azaleas, ericas, begonias and orchids are already arriving and there will be no diminution of decorative floral art during the three short weeks that remain.

Thorley's Fifth avenue store windows are charming with great baskets and balls of Gloire de Lorraine begonias.

McConnell's was a mass of yellow Baby mums, the novelty which he has handled in great numbers since the fall flower show. Six large shipments of hundreds of this little beauty have been disposed of.

Jos. Leikens is building a conservatory back of his store on East Thirty-third street.

Stumpp & Walter Co. will dispose of 1,000 cases of holly this season.

Ralph W. Ward & Co.'s horse shoe brand of bulbs and plants will have the advocacy of W. A. Prosser this season, in addition to the other travelers representing this progressive firm.

"Green Goods"

Our "Green Goods" include everything in this line and of quality never better. We can supply the largest orders on briefest notice but the smallest order is not too small to receive our careful attention. We want YOUR business.

BEST WILD SMILAX ALWAYS ON HAND.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones { 1978 and 1977 Central. 7846 Automatic.

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$5.00 to $6.00
24-inch stem	4.00
20-inch stem	3.00
16-inch stem	2.00
12-inch stem	1.50
Short stem	1.00
	Per 100
Brides and Maids	$4.00 to $10.00
Meteors and Gates	4.00 to 10.00
Liberty	4.00 to 15.00
Carnations, select, all colors	3.00 to 4.00
" large and fancy	4.00 to 6.00
Violets	.75 to 1.50
Valley	2.00 to 4.00
Callas, per doz., $1.50	
Paper Whites, Romans	3.00
Asparagus, per string, 35 to 50c.	
Asparagus Sprengeri	2.00 to 3.00
Ferns, per 1000, $1.50	.20
Galax, per 1000, $1.25	.15
Leucothoe	.75
Adiantum	1.00
Adiantum Croweanum	1.50
Smilax, per doz., $1.50	10.00
Wild Smilax, 25 lb. cases	3.00
" " 35 lb. cases	4.00
" " 50 lb. cases	5.00

Subject to change without notice.

Mention The Review when you write.



No. 1. POINSETTIAS, cut flowers 5 ft. stems.....$4.00 per doz.
No. 2. " " 4 ft. stems..... 3.00 per doz.
No. 3. " " 3 ft. stems..... 2.00 per doz.
No. 4. 2½-inch pot plants, in bloom, for making up in pans, 8-12 ins. high from top of pot, $1.50 per doz.
No charge for packing.

C. W. REIMERS, Hite Ave., LOUISVILLE, KY.

Mention The Review when you write.

The Clucas & Boddington Co. has an immense quantity of cold storage valley for Christmas flowering and Japan longiflorum, auratum and speciosum of special excellence and supply for any possible demand.

P. R. Quinlan, of Syracuse, was in town last week, purchasing goods for the holiday trade. He reports his new range of glass completed and large additions contemplated during 1905. His new and finely situated headquarters there give him views and facilities unequalled by any florist in western New York.

F. J. Baker, of Utica, was in New York on Friday. He has 60,000 square feet of glass, to which he is adding yearly, his ambition being to have an output of 1,000,000 ferns yearly before many moons. The sales now easily go above a quarter of a million.

The Mr. Maser referred to in our issue of November 24 as having been at one time in the employ of J. V. Phillips, of Brooklyn, should have been Mr. Mauer.

Harry Busby, who has worked for many of the growers on Long Island, was accidentally killed by his brother's horse on Saturday, the sharp hoof severing the jugular vein.

J. A. Peterson, of Cincinnati, is in the city for a few days with samples of his specialties, including the new white begonia, Turnford Hall.

John Harrison, of Jersey City, is now shipping his entire product to James McManus, including the White House carnation, 1,000 a day of this popular variety reaching him on the average. Mr. McManus says it compares favorably with any white in the market in size and keeping quality.

Adiantum Croweanum is now in fine demand and the price holds at $1.50. Mr. Raynor, who controls this specialty in New York, disposes of large quantities weekly.

A great day for the New York Florists' Club will be enjoyed by its members on Friday of the present week. C. W. Ward has provided a special train for his visitors and an abundance of good things and the Cottage Gardens will be "investigated" as never before in their history. The award committee will pass upon the merits of Lieutenant Peary.

The club will hold its regular meeting and the last one of the year at its rooms in the Grand Opera House building next Monday. The president declares it will be the banner meeting and Mr. Nugent will signalize his final official management as head of the commissary department by special and personal generosities. The bowlers will meet at the alleys on West Thirtieth street in the afternoon.

Bobbink & Atkins, of Rutherford, make steady progress. Their immense establishment is crowded with late importations, fine forcing lilacs, pot grown deutzias and other plants and shrubs in endless variety. Acacia paradoxa or armata for Easter flowering is a plant growing in popularity yearly for that season. Bay trees, from $5 to $500 a pair, occupy a house especially built for them. There is a fine stock of azaleas in bloom to be drawn from daily through the winter months. Palms range from 5 cents to $150 each and there are H. P., tea and standard roses in any quantity. No one should visit New York without spending a day with Bobbink & Atkins. To those who have never been there the call will surely be a revelation.

Bowling.

The bowling match between Hoboken and the New York club on December 1 was a success, not only in attendance and enthusiasm but in the maintenance of the unbeaten record of the New Yorkers. After the banquet, interesting addresses were made by John Birnie and Frank Traendly and a handsome toilet novelty was presented Phil Kessler, the winner of the high score of the evening, 198. Following are the scores:

Hoboken.	1st.	2d.	Total.
Otty	178	166	344
Hansen	128	158	286
Manda	148	129	277
Englan	115	153	268
Dietz	132	116	248
Marshall	109	120	229
L. Hansen	111	95	206
Totals	921	937	1858

New York.	1st.	2d.	Total.
Kessler	198	137	335
Siebrecht	137	146	283
Burns	122	140	262
Fenrich	124	133	257
Shaw	137	118	255
Traendly	119	132	251
Butterfield	98	145	243
Totals	935	951	1886

It was decided to accept the challenge of the Madison club for Tuesday evening, December 13. All intending to go are requested to notify the secretary of the New York Club at once and to arrange for taking the train between 5 and 6 p. m. Following are Monday night's scores:

Player.	1st	2d	3d	4th	5th
Ford	208	146	136	140	158
Guttman	127	135	143	157	209
Lang	175	142	150	173	
Holt	128	149	130	153	
Shaw	124	121	145	126	
Burns	124	134	147		
Traendly	104	97	127		
Scott	143	132	101		
O'Mara	128	114			

J. AUSTIN SHAW.

PORT HURON, MICH.—C. W. Asman had his annual opening December 3 and made a great success of it, with music and souvenirs. He carries a stock of canary birds and finds it a profitable side line.

HAVE YOU TAKEN NOTE OF THE WAY THE STOCK FROM

POEHLMANN

SWEPT THE DECKS AT THE BIG FLOWER SHOWS?

AT CHICAGO:
11 Rose Entries. 11 1st Premiums.
A TOTAL OF
30 Entries and 27 Premiums.

If you want the best stock the market affords, now you know where to get it.

LET US HANDLE YOUR STANDING ORDERS THIS SEASON.

AT ST. LOUIS:
17 ENTRIES
AND
15 PREMIUMS.

POEHLMANN BROS. CO., 35-37 RANDOLPH STREET, Chicago

L. D. Phone Central 3573.

GREENHOUSES: MORTON GROVE, ILL. 600,000 FEET OF GLASS.

ORANGE, N. J.

The monthly meeting of the New Jersey Floricultural Society, held on December 2, was marked by the usual meritorious display of flowers. The annual election of officers resulted as follows: President, D. Kindsgrab, gardener for William Runkle; vice-president, Arthur L. Caparn, gardener for Stuart Hartshorne; secretary, William Bennett, gardener for A. C. Van Gaasbeck; treasurer, Malcolm Mac Rorie, gardener for Mandeville Estate.

PITTSBURG.

The Market.

The retailers and markets report business as holding its own since Thanksgiving, but nothing out of the ordinary has developed. While mums are still slightly in evidence there are not enough of them to cut any figure, and carnations are more in demand and prices on them are looking up a little. Lilies have dropped out of sight with the mums. Since mums have shortened up there is a better demand for other stock, although the supply of roses is so great that while the specials and extras bring a fair price, the commoner grades go begging. The same might be said of all other stock; there is enough good to supply the demand and send the seconds to the dump.

A trip among the wholesalers finds them looking quite cheerful. The Florists' Exchange and J. B. Murdoch & Co., both assure me that business is very good. The Pittsburg Cut Flower Co. was busy getting out orders of red bells and evergreen box-wood, which they say is greatly in demand. They report trade as up to the average for this time of year.

Various Notes.

The unusually dry season is making great trouble for some of our growers, as their water supply has gone back on them and they are compelled to haul water some distance to keep their places running.

Mossbaur & Dick opened their new store last Saturday, and, as they gave carnations to all visitors, they were the busiest house in town Saturday evening.

B. & A. SPECIALTIES

AZALEAS

Christmas or Easter Blooming.
Deutsche Perle, white; **Simon Mardner**, red; **Vervæneana**, pink. In addition to the following: **Van der Cruyssen, Vervæneana, Prof. Wolters, Niobe, Bernhard Andreas Alba, Empress of India, Schryveriana, Emperor of Brazil. Chicago.**

	Per 12	Per 100
10-12 in. diam	$4 00	$35 00
12-14 "	6 00	45 00
14-15 "	7.50	60.00
15-16 "	9.00	75.00
16-18 "	12.00	90.00
18-20 "	25 00	200 00
20-24 "	36 00	300.00

BOXWOOD, Pyramidal, handsome specimens.

	Each
15-18 in.	$0 50
18-24 in.	.75
2 ft.	1 00
2½ ft.	1.50
3 ft.	2.00
3½ ft.	2 50
4 ft.	3.50
5 ft.	4 00

5-6 ft. high, nicely shaped, per pair, $10 00 to $15.00.
For Window Boxes, bushy plants, 25 cts., 35 cts., 50 cts., 65 cts and 75 cts. each.

Acacia Armata, or Paradoxa pot-grown and well budded. 18-24 in., per 12, $10.00; 2-3 ft., extra fine, per 12, $12.50.

SINGLE TUBEROUS ROOTED BEGONIAS.

5 colors separate, 1st size ..... $3.00 per 100
5 " " 2d " ..... 2.00 "

CALLAS

Fine Blooming Size, $4 50 per 100; Selected Size, $6.50 per 100; Mammoth Size, $8.50 per 100.

Pot Grown

	Per 100
Deutzia Gracilis	$15.00
Deutzia Lemoinei	18.00

Pot-Grown Shrubs for Forcing

The following are all handsome, bushy, well-grown plants, well budded, and will prove a profitable investment to any one.

Plants are all 2½-3½ ft.	Per 12
Acer Negundo variegata	$6.50
Azalea Mollis, 12-15 in.	4.50
" " 15-18 in.	6 50
Cratægus Pauli	9 00
Cherries, double flowering	7.50
Deutzia Gracilis	2 00
" Lemoinei	2.50
Lilac, Charles X. blue; Marie Le Graye, white; Lemoine, double white	9.00
Malus Floribunda	9.00
Staphylea Colchica	6.00
Viburnum Opulus	6 00
" Plicatum	6 00
Weigelia Eva Rathke	7 50

STANDARDS.

Lilac, in variety	12 00
Viburnum Opulus	12 00
Wistarias	18 00
Japanese Maples, red and gold leaf variety	12 00

Spiræa Japonica, Compacta and Astilboides, $5 00 per 100.
Dielytra Spectabilis (Bleeding Heart), strong clumps for forcing, $6.00 per 100.

ROSES

Maman Cochet, strong, 2 yr., white and pink, $12.00 per 100.

PEONIES

	Per 12	Per 100
Officinalis rubra plena	$1.00	$8 00
" alba "	2.00	15 00
" rosea "	1.50	12 00

Chinensis, 50 in 50 varieties, $15 00 per collection. White, red, pink, good named varieties in equal quantities, $8.00 per 100.
Aborea (Tree Peony), in variety, $9.00 and $12.00 per 12.

See Catalogue for PALMS, BAY TREES, EVERGREENS, SHRUBS, ORNAMENTAL TREES, and other Stock.

BOBBINK & ATKINS, Rutherford, N. J.

Mention The Review when you write.

Chas. Hoffmeyer, of Carnegie, is sending in some fine carnations, the best he has grown for several years.

Wm. Faulk has purchased Sidney Gibbs' store at McKee's Rocks. As this is an old stand and the population of this bustling manufacturing town is increasing every day, he should make something out of it.

Miss Agnes L. Wells, of Steubenville, has moved into a new store, better located. She had her opening last Saturday.

Walter Breitenstein visited his old home in Beaver county, Saturday, and arrived just in time to carry the furniture out of the house, which was on fire.

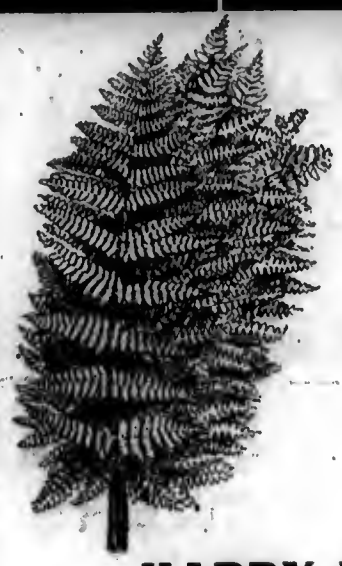
Arthur Langhans, of Wheeling, W. Va., was a visitor the past week, looking at plants and anything new for Christmas.

Mrs. McLean and son, of Youngstown, were Monday visitors.

Eugene Bernheimer, of Philadelphia, spent a couple of days with us.

Hoo-Hoo.

Louisville, Ky.—C. W. Reimers is planning a trip to Los Angeles in the spring, combining business and pleasure.



Headquarters For Christmas Greens and Florists' Supplies

HOLLY, best in the market, $5 and $6 per case.
WILD SMILAX, $4 and $7 per case.
BOX GREEN, $18 per 100 lbs.
HARDY FERNS. Fancy, $1.00 per 1000. Dagger, $1.00 per 1000.
GALAX, New Crop, Green and Bronze, $1.00 per 1000.
LAUREL. Wreaths, $2.00 per doz. and upward. Festooning, 5c and 6c per yd.

HENRY M. ROBINSON & CO.

Long Distance Telephone MAIN 2818. 8 and 11 Province Street, Boston, Mass.

Special Christmas OFFER:

SOUTHERN DECORATIVE EVERGREENS

WE OFFER:

1 Case No. 6 Southern Smilax,
1 Case No. 6 Holly,
1 Doz. Chamærops Palm Crowns, assorted sizes,
25 Long Needle Pines, assorted sizes, extra select.
50 Cut Sabal Palm Leaves,
50 Cut Chamærops Palm Leaves.
For $10 00 cash with order.
Half the above list will be sent for $6.00.

CURRENT PRICES.

SOUTHERN WILD SMILAX.

Packed in six different sizes.

	Weight	Covers, wall space	
No. 1,	15 lbs.,	100 square feet.....	$1 00
No. 2,	20 lbs.,	200 "	1.50
No. 3,	25 lbs.,	300 "	2.00
No. 4,	35 lbs.,	400 "	2.50
No. 5,	40 lbs.,	500 "	2.75
No. 6,	50 lbs.,	600 "	3.00

MAGNOLIA FOLIAGE.

Beautiful evergreen, fine for making wreaths sell well at Xmas, and for decorating. Packed in same size cases as Wild Smilax, containing from 100 to 600 sprays. Same price per case.

LONG NEEDLE PINES.

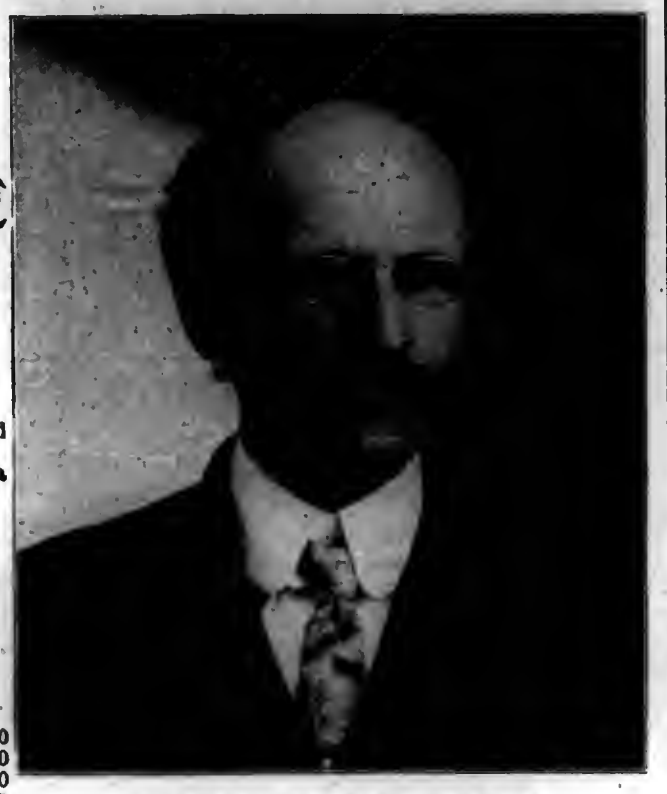
Splendid selling for church and house decorations at Christmas season. Stand lots of handling; will not wilt, fade or shop-wear easily; selected stock; ends of stems covered with tin foil. Price per doz.; assorted sizes, 3 to 5 ft., $1.50; per 100, $8.00; per 1000, $75.00.

CHAMÆROPS PALM CROWNS.

Invaluable for all kinds of decorations, and always in demand. Our stock is extra fine, and we can supply mammoth specimens up to 10 ft. high. Price per doz., assorted sizes 3 to 6 ft., $3.00; weight per dozen packed, 40 lbs. Extra large specimens, 7 to 10 feet, 50c to $1.00 each.

CHAMÆROPS PALM LEAVES.

We are cutting extra large long-stemmed leaves, the finest we have had in years. $2.50 per 100.



CALDWELL THE WOODSMAN.
The Man that gave you the Wild Smilax.

SABAL PALM LEAVES.

Ranging in size from 24 to 48 inches in width, stems 2 to 3 ft. long $2.50 per 100. Weight 40 lbs.

HOLLY.

While the crop of Delaware Holly is reported short and of very poor quality we have one of the largest crops we have had in years. And we wish to say that no finer stock can be gotten than we supply. Large or small branches, as you wish. 16 cubic foot cases solidly packed, $5.00, freight paid to your door; ½ cases $3.00.

MISTLETOE.

Mistletoe is in greater demand every year. Ours is the finest on the market.

Caldwell's Druid Brand. Quality not quantity. Price, 5 lbs., $2.00; 10 lbs., $3.00; 25 lbs., $7.00.

Galax Leaves, green or bronze, per 1000.....	$1.00
Fancy Ferns, per 1000.....	1.00
Dagger Ferns, per 1000.....	1.00
Leucothoe Sprays, per 1000.....	5.00
" " per 100.....	1.00

Sheet Moss, $1 per bale of 100 square feet.
Grey Moss, $2 per sack of 25 lbs.

Caldwell The Woodsman Co. (Incorporated) EVERGREEN, ALA.

GRAND RAPIDS, MICH.

We have had a mild, bright fall, which brought carnations out freely early in the season and has the rose crop so offish that a fear has been expressed that the crop may hit the holidays a body blow. Business has lately been good, with plenty of roses and too few carnations. While white is plentiful, it is color that is scarce, particularly red.

Wm. Cunningham has just recovered from a severe attack of appendicitis.

With some growers violets are doing nicely; with others, although the plants look fine and are in apparent good health, yet they are shy in blooming. It is expected that when the weather gets steady cold they may bloom better.

The Grand Rapids Florists' Association has been organized and has opened a stand in Chicago, 60 Wabash avenue, and will do a wholesale business. Crabb & Hunter have given up their stand and gone in with the association. Mrs. Jamison, who conducted Crabb & Hunter's stand, will be in charge. The association has nine members already, with the promise of several more. The promoters are Clarence Hills, Eli Cross, Henry Smith and Alfred Hanna. A meeting was held at Henry Smith's store last Monday evening to complete organization and attend to the details of handling the stand along lines similar to those of a commission store. G. F. C.

MENTION US TO ADVERTISERS.

One cannot be anything but pleased with the REVIEW; the Special Number was a "beaut." Anything I can do to push a good thing along I will do with pleasure. H. P. LODING.

Mobile, Ala.

SPRINGFIELD, MO.—Henshaw Bros. Co. has been incorporated with an authorized capital of $200,000, by William, Archibald M. and Minnie Henshaw. The paid up capital is stated to be $12,000.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

ONION sets are again moving and at advanced prices.

THE KECK FLORAL CO., Washington, Ia., will put in a full line of seeds for the spring of 1905.

EGG PLANT seed is still hard to get hold of. Scarcity of good stock seems to be more than just a notion.

SAVOY LEAF SPINACH will be in demand later. Very short deliveries are being made, and no surplus was carried over.

ADDING Valentines to the very scarce stocks the bean situation at present is just as it was at this time last year.

REPORTS from Iowa and Nebraska speak of the very fine quality of the seed sweet corn now in the drying houses.

ALFRED EMERICH, of Vilmorin-Andrieux & Co., Paris, sailed from New York for home December 1 on the La Savoie.

CANADIAN-GROWN seed peas are not any freer of bugs that usual; otherwise the samples being received from that section are all right.

THE Western Seedsmen's Association is endeavoring to get the trade together on the line of uniform prices. Its management thinks that the sooner this can be done the better.

BEANS are still being received from the farmers. The unfavorable weather of early October is accountable for the late threshing, as well as for the unusual shrinkage owing to spoiled stock.

"NO WARRANTY."

In the Wandsworth County Court (England) on October 26, an action was brought by Van Til-Hartman, bulb growers, Hillegom, Holland, to recover the sum of £26 from K. Drost, nurseryman, Richmond, for tulip bulbs supplied. Mr. Drost raised a counterclaim for £15 for labor, etc., wasted on bulbs that failed. Counsel for plaintiffs stated that the bulbs had been supplied under their "terms of business," as printed in their catalogue, and which are those of the Dutch Bulb Exporters' Association. These include the following conditions:

Claims as to the quality of the goods cannot be entertained unless made immediately on receipt of same. The members of the association give no warranty, express or implied, and will not be in any way responsible for the results of planting or forcing of any bulbs or roots sent out.

Defendant refused payment on the ground that the bulbs had all failed through an attack of tulip-mold (Botrytis parasitica), the germs of which must have been present in the bulbs before they were planted, from the fact that no tulips had previously been grown in the soil, and that other tulips planted in ground near those supplied by plaintiffs were not diseased. Mr. Watson, curator, Royal Gardens, Kew, gave evidence in support of defendant's contention. His Honor ruled, however, that even if the bulbs supplied by plaintiffs had been diseased when received by defendant, as he had failed to detect it and did not complain at once to plaintiffs, the terms of business on which this firm stated that the bulbs were supplied entitled them to payment.

D. Landreth Seed Company
BLOOMSDALE SEED FARM
BRISTOL, PA.
WHOLESALE ORDERS SOLICITED

LEONARD SEED CO.
WHOLESALE SEED GROWERS
ONION SETS
79 and 81 East Kinzie Street, CHICAGO
Mention The Review when you write.

Burpee's Seeds Grow

LONG ISLAND CABBAGE SEED
AMERICAN CAULIFLOWER SEED
And other Special Seed Stocks.
Francis Brill - Grower,
Hempstead, L. I., New York.
Mention The Review when you write.

RALPH M. WARD & CO.
Exporters and Importers
17 Battery Place, NEW YORK
Horseshoe Brand. Bulbs, Plants.
Valley our Specialty Cold Storage Pips Always on Hand.
Mention The Review when you write.

Two Grand New Asters
Benthey's White
Benthey's Pink
The Seed of the Two Varieties will be ready for distribution January 1, 1905.
PRICE LIST
TRADE PACKAGE $1 00
¼ OUNCE, White or Pink 2 50
¼ OUNCE, " " 4 50
1 OUNCE, " " 8 00
For further information write
The Benthey-Coatsworth Co.
35 Randolph St., Chicago.
Mention The Review when you write.

BOSTON.

The seed stores report a satisfactory bulb season, with stocks tolerably well cleared out ere freezing weather came.

J. P. Guerineau, of the Schlegel & Fottler Co., is quite sick with sciatic rheumatism.

James Farquhar leaves on December 8 for Porto Rico, where he will spend the winter. He will incidentally study the suitability of Porto Rico for growing various bulbs and plants needed by his firm and will probably establish a nursery there.

Schlegel & Fottler Co. will complete the extensive changes in their seed store in a few days. They will have one of the best appointed stores in the city, eight floors being utilized. The street floor will be used exclusively for counter trade, the offices and mail order department being on the second floor.

W. E. Cahill is president and secretary of the Boston Seed Trade Bowling League, J. P. Guerineau is captain of the Schlegel & Fottler team, Harry Jenner, of Farquhar & Co., Everett Wheaton, of Joseph Breck & Sons and Morris Field of W. W. Rawson & Co. The scores of games are attracting a good deal of interest locally.

ERFURT SEED CROPS.

The following is supplied by the Erfurt, Germany, correspondent of the Horticultural Trade Journal, under date of November 18:

Nearly all the seed of this year's harvesting is now in warehouse and the operation of cleaning and getting it ready for delivery is also well advanced. Oversea orders are beginning to come in and some early shipments are already leaving for America, Australia, etc.

Certain onions have turned out worse than expected, Strasburg, straw-colored and the red kinds, for instance, being decidedly short. In carrots, the long garden varieties have yielded under the expectations, some sorts, such as Brunswick (Long Surrey) being scarce, and the same may be said of some of the half-long varieties. Leek seed is always late in being delivered, but we still expect a good provision. The large stocks of radish seed will prevent this season's poor yield from being felt, but the new Crimson Giant variety is very short. Beans, as expected, are much under average on the whole. Runners, scarlet, white and Painted Lady, are all short, while many of the dwarf sorts have yielded badly also.

Thorburn's Bulbs

ARECA LUTESCENS SEEDS
at $3.00 per 1000.

LILY OF THE VALLEY
PIPS AND CLUMPS.

Lilium Auratum and Speciosum 1 sorts
The great new Potato

Noroton Beauty

All who issue catalogues should not fail to include it. Descriptive circular on application.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

Lily of the Valley

Our Valley received 1st prize at the St. Louis World's Fair Flower Show. ORDER NOW your Pips from cold storage for Xmas. $1.75 per 100, $15.00 per 1000. $35.00 per case of 2500.
Fancy Cut Valley always on hand.
H. N. BRUNS, 1409-11 W. Madison St., CHICAGO, ILL.

Mention The Review when you write.

ARRIVED Consignment of extra Strong Bulbs of Our GOLD
Medal Strain Tuberous Begonias
Order now. See prices in classified dept.
HUBERT & CO., Ltd.
N. LEPAGE. MT. VERNON, N. Y.

Mention The Review when you write.

Lily of the Valley
FORCING PIPS. VERY FINE VARIETY. Apply to
JULIUS HANSEN,
PINNEBERG, (Germany).

Mention The Review when you write.

RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST
Catalogues Mailed Free.
W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

Borecole and parsley have come in beyond expectations as last reported. Cucumbers also have improved since last writing, and prices will go lower. Mangels of every sort are only middling, and prices will probably rise a little all round. Herbs are generally plentiful. French thyme and savory are short, while sage is only a moderate crop.

The previous estimates regarding most flower seeds still hold good. Dianthus, lobelia and tagetes have, however, done worse than expected. Mignonettes, on the other hand, have come out over estimates and are fairly plentiful. Verbenas will be in sufficient quantity to supply orders, while stocks and double wallflowers are not coming up to their early promise. Border carnations have done remarkably well.

As regards asters, I regret to say that now the seeds are being cleaned the results are mostly much poorer than was anticipated, and prices are sure to advance beyond early quotations. This applies with especial force to the more refined classes, such as Victoria, while the Comet section is little better, and even the common classes will all be short.

CLEARANCE SALE BULBS Unusual Values Highest Quality

TULIPS

	Per 100	Per 1000
*Single early superfine, mixed	$0.75	$6.00
*Single late " "	.75	6.00
*Double early " "	.75	6.00
*Double late " "	.75	6.00
Bizarre, choice, mixed	.60	5.00
Darwin, " "	1.25	12.00
Byblomen, " "	.60	5.00

*Composed of named sorts regardless of cost.

NARCISSUS

	Per 100	Per 1000
Princeps, fine for forcing	$0 75	$6 50
Paper White Grandiflora	1.00	9.50
Alba Plena pure white, sweet scented	.50	
Hardy Narcissus, mixed	.60	5.00

HYACINTHS

	Per 100	Per 1000
Single, Sep. colors	$2.40	$23.00
Single, named sorts: splendid bulbs for the Easter trade, (20 varieties)	3.40	32.00

Miscellaneous Bulbs

	Per 100
Triteleia Uniflora	$0.25
Ixias, mixed	.25
Spanish Iris mixed	.25
Sparaxis, mixed	.25
Allium Neapolitanum	.40
Oxalis, mixed	.30
Freesia Refracta Alba	.50
Chionodoxa Luciliae	.50

Headquarters for LILY OF THE VALLEY PIPS.
WRITE FOR PRICES
JOHNSON & STOKES, SEEDSMEN 217 and 219 Market St. **PHILADELPHIA, PA.**

Mention The Review when you write.

It PAYS To Sow NOW
ASPARAGUS PLUMOSUS NANUS

fresh crop greenhouse seed, superior to the outdoor grown seed. Price, 100 seeds 90c; 1000 seeds $7. Write for special quotations on large quantities.

VERBENAS Mammoth fancy strain, colors blue, purple, pink, scarlet, striped, white and mixed all colors. Price, trade packet, 30c; ounce, $1.50.

SMILAX Fresh. Price, trade packet, 10c; ounce, 30c; ¼ lb., $1.00; 1 lb., $3.00.

STOCK Princess Alice, pure white, very fine for cut flowers. Price, ½ trade packet, 30c: trade packet, 50c; ounce, $2.50.

Henry F. Michell Co., 1018 Market St., Philadelphia.

Mention The Review when you write.

		Per 100	Per 1000
Gladiolus	Colvillei, the Bride, white	$.75	$5.50
	Colvillei Rubra, pink	.60	4.75
Spiraea	Compacta and Astilboides, picked	5.00	45.00
	Japonica, clumps	4.50	40.00

ARTHUR T. BODDINGTON, SEEDS, BULBS and PLANTS 342 WEST 14TH STREET, **NEW YORK**

Mention The Review when you write.

RUSSIAN LILY OF THE VALLEY

Per 1000	$ 15 00
Per 2500	32 00
Per 10000	125 00

THE BEST FOR EARLY OR LATE FORCING.
STUMPP & WALTER CO.
Branch, 404 E. 34th St. 50 BARCLAY ST., NEW YORK.

Mention The Review when you write.

HAVING BEEN AWARDED THE GRAND PRIZE
For My Exhibition of GLADIOLI At the World's Fair
it is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. **Groff's Hybrids and other sorts the best obtainable.**
Write for Catalogue. **ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.**

Mention The Review when you write.

MOVED THOUSANDS QUICK.

Please discontinue our rose adv. in your paper; roses all sold. You have moved thousands for us quick.

C. AKEHURST & SON.

White Marsh, Md.

SIGN YOUR QUERIES.

The REVIEW is always glad to answer queries *that are signed* with full name. Unsigned queries cannot receive the consideration they otherwise would have.



Gladiolus Bulbs
Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.

Mention The Review when you write.

THAT was a grand hit, that adv. I had in the Special Number of the REVIEW; it was a drawing card, sure.—H. J. SMITH, Hinsdale, Mass.

SUZUKI & IIDA, 31 BARCLAY ST., NEW YORK
FRESH CROP OF PEAR SEED
DUE IN DECEMBER, $250 per 100 LBS.
Now is the time to book your orders for JAPANESE NURSERY STOCK for Spring Delivery.
WRITE FOR CATALOGUE.
Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

THE call for cherry trees is steadily on the increase.

SHREVEPORT, LA.—Downs & Co. are successors to the Shreveport Nursery and Orchard Co. They say that the choice French roses are now in the lead in the South.

SUPT. J. H. HADKINSON, at the World's Fair is busy digging stock and packing it for shipment to exhibitors in his department. He hopes to have everything out in good season.

J. H. MCFARLAND, of Harrisburg, Pa., president of the American Civic Association, the other day told the Chicago branch of that organization that fruit trees instead of ornamentals should be planted along city streets.

THE prolonged season has been a favorable one for the nurserymen. Sales and deliveries have been good and the quantity of stock dug and in storage houses promises a much better spring business than was done this year.

J. M. HAMPTON, the florist, Charlotte, N. C., is reported to have control of the stock of a peach which is practically everbearing, beginning to ripen in August and continuing through until cold weather. The report states that Mr. Hampton has 50,000 budded for next season.

GEORGE ELLWANGER, of Rochester, celebrated his eighty-eighth birthday December 2 and to make the occasion memorable a number of his friends presented him with a handsome silver coffee service accompanied by a letter expressive of the high esteem in which he is held.

THE periodical bulletins of the New England Park Superintendents have become the "Items of Park News," published by the Park Department of the American Civic Association, G. A. Parker, Hartford, Conn., department vice-president. It will be made the medium for the dissemination of much valuable information. It will be sent free to those who ask Mr. Parker to put their names on his mailing list.

WORLD'S FAIR AWARDS.

For some time there have been rumors of trouble over the awards at the Louisiana Purchase Exposition. Here's what's the matter: it is from a letter from Senator Carter, president of the United States commission, to D. R. Francis, president of the Exposition company:

The commission cannot permit the use of its name or the name of any of its officers or members in connection with any diploma, certificate, or other evidence of award while any part of the proceedings rest under adequately supported and uninvestigated charges of bribery, attempted bribery, corruption, fraud or misconduct amounting to fraud.

The statement is made that about 1,000 protests have been filed with the management regarding the work of the jurors and that the United States commission has in its possession affidavits showing the solicitation of bribes for influencing awards. No names have been made public. The result is that all awards are hung up.

S. A. F. PROCEEDINGS.

The Proceedings of the Twentieth Annual Convention of the Socity of American Florists, held at St. Louis, August 16-19, have made their appearance in pamphlet form. It is a stenographic report, including, besides the essays and other matter published by the REVIEW at the time, the full text of the state vice-presidents' reports, lists of members, report of the Hail Association, etc., all carefully indexed. Accompanying the Proceedings, which make a total of 224 pages, come the constitution and by-laws in handy form and a pamphlet of twenty pages, being a list of all the plants registered by the society to October 1, 1904.

NEW FERN-LEAVED SUMACH
Rhus Typhina var. Laciniata
This splendid new shrub is sure to be in good demand. We have a fine stock of it to offer.
PRICES: 1-2 ft.....per 10, $1.00; per 100, $7.00
2-3 ft..... " " 1.50; " 10.00
3-4 ft..... " " 2.00; " 15.00
THE ELM CITY NURSERY CO.
NEW HAVEN, CONN.
Mention The Review when you write.

Manetti Stocks
Selected grafting size, 3 to 5 mm. diameter. Special price for early orders.
Per 1000, $7.50; 5000 for $35.00.
Delivery early in January.
JACKSON & PERKINS CO.
NEWARK, NEW YORK.
Mention The Review when you write.

THE STORRS & HARRISON CO.
PAINESVILLE NURSERIES
Catalogues and price list free on application.
PAINESVILLE, OHIO.
Mention The Review when you write.

TREES and SHRUBS
FINE VARIETIES. Low Prices.
For both wholesale and retail trade.
Send for catalogue.
PETERSON NURSERY,
LINCOLN and PETERSON AVES., CHICAGO, ILL.
Mention The Review when you write.

HOW to EARN $20 to $50 per WEEK
This is an advertisement but is worthy of your careful consideration, as it is a bonafide offer to the readers of the FLORISTS' REVIEW for their services this winter—whole or part time.
If you mean business it will pay you to write to the Spaulding Company and get their proposition. Whether you are experienced in their line or not they will outfit you free and instruct you fully each week, so that you will positively make as much as stated above, in cash, and in addition thereto will receive many premiums, not cheap, trashy things but useful and valuable articles which they send their salesmen free, from time to time, by way of appreciation and encouragement.
Working for them is not like representing an ordinary nursery concern, for they are nurserymen of national reputation and can be depended upon to fulfill all agreements with salesmen and customers. They will make life easy and prosperous for you if you give them the chance.
Write them to-day for full particulars.
ADDRESS
SPAULDING NURSERY & ORCHARD CO.
SPAULDING, ILL.
Mention The Review when you write.

VREDENBURG & CO.
ROCHESTER, N. Y.
Lithographing, Printing, Engraving.
Binding exclusively for FLORISTS, SEEDSMEN and NURSERYMEN
Sample Colored Plates free—Send for Catalogue
UNEQUALLED FACILITIES
Mention The Review when you write.

W. & T. SMITH COMPANY,
GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.

EVERGREEN.
An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.
THE WM. H. MOON CO., Morrisville, Pa.

Carnations, Roses, Beauties,
Mignonette, Stevia, Poinsettias,
Paper White Narcissus.

The choicest stock in all lines of Cut Flowers for Christmas delivery.

A few MERRY CHRISTMAS CHRYSANTHEMUMS now at $4.00 per dozen.

A. L. RANDALL CO.
WHOLESALE FLORISTS
21 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

SEDAMSVILLE, OHIO.

"Dick" Witterstaetter is at it again, having a few surprises in store which he may spring upon the unsuspecting growers during the Chicago carnation show in January.

There are seedlings and seedlings, some scarlet, some white, but mostly pink. Of the latter he has so many good ones that it makes one's head dizzy to try to determine "which is which."

To the casual observer it is a case of "all coons looking alike," although Dick knows the merits of each, having selected a few that in his estimation are well worthy of further test. His white one which he intends disseminating in 1906 is a variety that one need but see to appreciate its commercial value. His scarlets are equally fine and one in particular will be given ample room and special attention. Mr. Witterstaetter has enlarged his greenhouse plant by two modern houses, having also made various other improvements about his residence and grounds. X.

WASHINGTON, IA.—The Keck Floral Co., has its new offices nearly completed and now has a nice display window. Since the reorganization the officers are: President, E. C. Keck; vice-president and treasurer, C. H. Keck; secretary and manager, F. C. Creath. They propose to extend the business largely.

GRAND FORKS, N. D.—E. O. Lovell says Thanksgiving trade was much better than last year and trade in general is increasing and is a third better this season. The people through this portion of the northwest are beginning to appreciate the beauty and benefit which flowers impart, and are much more liberal along this line.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

FOR SALE—Ballard's greenhouse, $750, Perry, Iowa.

SITUATION WANTED—As working manager for store as well as for greenhouse, with an up-to-date firm, south preferred; can change January 1. Address No. 52, 2628 Halsted Street, Cincinnati, Ohio.

FOR SALE OR RENT—On account of death and sickness, will sell or rent to reliable party, greenhouse well stocked, and large garden; also good dwelling and barn. For further information address Mrs. Mary J. Baldwin, 1917 Kossuth Street, LaFayette, Ind.

SITUATION WANTED—As working foreman, after January 1, by A 1 German-American grower of roses, carnations, mums and pot plants; excellent propagator; age 27; sober, reliable; 12 years' experience. Address No. 88, care Florists' Review, Chicago.

FOR SALE—Five greenhouses stocked with carnations, roses, asparagus, etc.; 5,000 feet of glass; hot water heat; ten minutes walk from station; one minute from electric cars; established 30 years; ill health cause of sale. A. F. Belcher, Foxboro, Mass.

FOR SALE—Rare sacrifice, first-class store in bon ton part of city; established 15 years; catering to high-class trade; also six greenhouses at Evergreen; sell separately on easy terms; ill health cause. P. H. H., 926 Fulton St., Brooklyn, N. Y.

WANTED—First-class rose and carnation grower; permanent place; $60 per month to start; reference as to ability and character required. Address No. 87, care Florists' Review, Chicago.

SITUATION WANTED—As working foreman, by a young Dane, 26; sober, single, first-class grower of cut flowers and pot plants; also experienced in growing vegetables under glass; best of references. Address E. Jensen, 2223 Oaks Ave., Superior, Wis.

FOR SALE—All or half interest in a florist store with a good, well established trade; a good chance for either lady or gentleman. Address J. Russler, 11140 Michigan Avenue, Chicago.

WANTED—Young man for greenhouse work, one with experience preferred: steady work for the right party; send references and state salary expected. Address No. 91, care Florists' Review, Chicago.

SITUATION WANTED—By good grower of roses, carnations, mums, lilies and general stock; also up-to-date designer; sober, economical and industrious; able to take charge; prefer in vicinity of Chicago or southwest; married; permanent; commercial or private. State wages. Address No. 89, care Florists' Review, Chicago.

WANTED—Single man experienced in carnations; $10 per week. J. B. Goetz Sons, 118 So. Michigan Ave., Saginaw, W. S., Michigan.

SITUATION WANTED—By a practical florist, strictly sober and industrious, with good references, to take charge of a large commercial or private place, cemetery or park; understands beautifying lawns, filling fine flower beds, raising grapes under glass; growing fine stove house plants and all kinds of pot plants for market; also understands the raising of a general collection of cut flowers, and am a successful propagator. I have conducted a florist's business of my own since 1880 in a city of 600,000 inhabitants. Address No. 90, care Florists' Review, Chicago.

SITUATION WANTED—German, single, age 31, first-class grower of cut flowers and pot plants; 15 years' experience. Address No. 78, care Florists' Review, Chicago.

FOR SALE—Store in Back Bay, Boston; first-class locality, fully equipped, doing good business; too much business on hand cause of selling. Address S. G., 75 Waumbeck Street, Roxbury, Mass.

WANTED—Reliable party wishes to lease establishment of not less than 30,000 feet of glass; must be in first-class shape and within 50 miles of Chicago. Address No. 76, care Florists' Review, Chicago.

FOR SALE—Owing to death of proprietor, will sell established greenhouse situated in thriving southern city. No competition. For particulars address R. A. Schneider, 2962 Wabash Ave., Chicago, Ill.

FOR SALE—Horizontal tubular hot water boiler in first-class condition; nearly new Deane steam pump. J. W. Dunford, Clayton, Mo.

FOR SALE—Florist shop, built 5 years in center of large city; fine opportunity for man of small capital. Address No. 74, care Florists' Review, Chicago.

FOR SALE—In a live gas city of 15,000; five greenhouses stocked with roses, carnations and a general assortment of plants; natural gas for fuel; cheapest on earth; seven room house, large grounds, barn, etc. Address A. L. Harmon, Iola, Kan.

WANTED—A good experienced florist for cut flowers and bedding stock, to take full charge; single man preferred. Address No. 84, care Florists' Review, Chicago.

FOR SALE—A No. 16 Hitchings hot water boiler in good condition: price $50.00 f. o. b. Greensburg. Draper & Clark, Greensburg, Ind.

FOR SALE—7,000 feet of glass; 10-room house, barn and tools; 2,800 carnations, 500 roses, palms, ferns and everything for the trade; $2,000 cash, balance on time; sickness cause of selling; fifteen years established; central Indiana. Address No. 86, care Florists' Review, Chicago.

HELP WANTED—$20.00 to $50.00 per week. See 3¼-inch adv. in another column. Address Spaulding Nursery and Orchards Co., Spaulding, Illinois.

SITUATION WANTED—In greenhouses where there is a store run in connection, by a man of some experience who wishes to learn more of the different branches of the work; have had more experience in gardening than in greenhouses; Iowa, Illinois or Missouri, the latter State preferred; good references. Address No. 82, care Florists' Review, Chicago.

FOR SALE—Seven acres of land at Park Ridge, Ill.; fine soil and well adapted for greenhouse purposes. Terms easy. Address A. L. Randall, 19 Randolph St., Chicago.

Store Man Wanted

Have a first-class opening in Chicago for a capable store man. Moderate wages to start and advancement when ability is shown to handle first-class trade. Address with particulars as to experience and wages wanted—

No. 79, care Florists' Review, Chicago.

Business Opportunity!

WANTED—A practical florist with about $2,000 to buy interest of partner retiring into other business. Retail, city of 60,000 within 30 miles of Philadelphia. An excellent opportunity and a square deal. Address T. R. WILSON,
418 Arcade Bldg., Philadelphia, Pa.

For Sale and Lease.

Owing to extensive other business, I will lease at a bargain my long established store and greenhouse plant at Tioga, Philadelphia; 3,000 feet of glass attached; almost no competition; only to responsible party.

Also for sale—the glass (12x14), bars, patent ventilators and 4-inch piping of 3 greenhouses (20x60 feet), or part of same, to be removed during winter; also one 25-horsepower return tubular boiler with one year old tubes. Bargain. Address Jno. G. Eisele, Florist, 3325 North 20th Street, Philadelphia, Pa.

SAMUEL S. PENNOCK,

POINSETTIAS,

8000 choice flowers, from the Thornhege Greenhouses, ready now. Prices: 12½c, 25c and 40c each.

Store open from 7:30 a. m. to 8 p. m.

The Wholesale Florist of **PHILADELPHIA.**

Mention The Review when you write.

The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

52 and 54 High Street, **CLEVELAND, OHIO.**

Mention The Review when you write.

A BEAUTIFUL DECORATIVE EVERGREEN FOR CHRISTMAS!

A single postal request will bring you gratis a sample and price.

CHOICE BRIDES, MAIDS, BEAUTIES, CARNATIONS, VALLEY and VIOLETS

Pittsburg Cut Flower Co., Ltd.,

504 LIBERTY AVE., **PITTSBURG, Pa.**

PITTSBURG'S OLDEST WHOLESALE FLORISTS.

Mention The Review when you write.

CINCINNATI.

The Market.

Since Thanksgiving business has been moving along in a quiet sort of way, with nothing unusual to turn it one way or the other. The demand has been only fair and scarcely up to last year. Prices on an average, too, are below last year.

The supply of stock is all that can be desired. Roses are in most cases of fine quality and in excess of the demand. Beauties and other red roses are still short but there are hopes of a good supply soon. There has been considerable call for Chatenay lately and many orders for this rose could not be filled. Some very fine carnations are to be had but there are none too many of them. Violets of good quality are first class property. The best bring $1.50. The cheaper grades do not go so well and some are hard to move at any price. Mums are still coming but very few large ones are seen. They are selling fairly well. Other stock is about equal to the demand.

The wholesale houses are indulging in the luxury of a cut price war on greens. Eastern ferns have been cut down to 15 cents per hundred, $1.50 per thousand. Galax, both green and bronze, goes at 75 cents per thousand, and leucothoe sprays at 50 cents per hundred. At these prices there is very little more than glory in handling them.

Various Notes.

R. Witterstaetter brought in some of his seedlings the other day and it would do some of our carnation specialists good to see them. Among them was 1021 B, measuring three and three-fourths inches, of a beautiful shade of pink. This variety has already received a certificate. Valentine is a magnificent light pink which made its presence felt at the Detroit exhibition last year. Improved Lawson is a beauty of dark pink color. Lillian May, which will be Mr. Witterstaetter's next introduction, is a white that will be worth watching. Afterglow appears to be a first-class commercial variety. The color is between Fiancee and Lawson. The Cardinal was also doing fine.



CATTLEYAS.... ....per dozen, $7 00 to $7 50
DENDROBIUMS....per dozen, 3 00 to 5 00
CYPRIPEDIUMS.....per dozen, 2 00
Assorted Orchids and Sprays, box, $5 to $25

ORCHIDS

AND

Fancy Cut Flowers

A SPECIALTY.

If you want Choice Cut Flowers at any time or all the time, send to

CHARLES W. McKELLAR

51 Wabash Avenue, CHICAGO.

Western Headquarters for Choice

ORCHIDS, FANCY VALLEY, VIOLETS, BEAUTIES, TEA ROSES, CARNATIONS and CHRYSANTHEMUMS. Wild Smilax, Asparagus, Adiantum, Smilax, Fancy Ferns always in abundance. Also a complete line of all Florists' Supplies, Novelties and Wire Work. L. D. Phone Central 3598. Auto. 3023

Mention The Review when you write.

Wholesale Cut Flowers
Florists' Supplies

C. C. Pollworth Co.

MILWAUKEE, WIS.

James Hartshorne was in the city this week and he brought a vase of Fiancee. It was placed in the window of W. K. Partridge's store and attracted considerable attention.

Hardesty & Co. have opened a store in Lexington, J. O. Williams in charge. The best of success is prophesied for the new undertaking.

The store of L. F. Benson, of Newport, Ky., was slightly damaged by fire last week, loss fully covered by insurance.

PITTSBURG FLORISTS' EXCHANGE

Wholesale Florists and Florists' Supplies.

228 Diamond St., PITTSBURG, PA.

Shipping Given Special Attention.

Send for weekly price list free.

Visitors: John Karsten, Chattanooga, Tenn.; J. C. Meyer, Boston; S. S. Skidelsky, Philadelphia. C. J. Ohmer.

As a trade paper the Review is second to none and I don't want to miss an issue of it.—Frank Morrison, St. Clairsville, O.

You may discontinue my advertisement of cyclamen; have sold out and could have sold as many more.—S. M. Harbison, Danville, Ky.

The Philadelphia Cut Flower Co.

R. C. HAYDEN, Secretary and Treasurer. **Wholesale Florists** WM. J. MUTH, Manager.

Daily receivers and shippers of Choice Brides, Bridesmaids, Beauties, Fancy Enchantress, Prosperity, Lawson, Fresh Violets, etc.

ORDERS by TELEPHONE or TELEGRAPH will Receive PROMPT ATTENTION

1516-1518 SANSOM STREET, PHILADELPHIA.

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BERGER BROTHERS, Choice Valley, Roses, Carnations.

1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. PHILADELPHIA.

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Eugene Bernheimer Wild Smilax, Galax Leaves, Hardy Ferns.

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11 SOUTH 16TH STREET, Philadelphia, Pa.

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WHOLESALE

Commission Florists

All orders promptly filled in best possible manner.

Consignments solicited. We are in position to give prompt and liberal returns on all consignments.

WANTED -- BULBS.

We want to buy in lots of 1000 to 10,000 each of the following: — **Tulips**, select mixtures; **Crocus, Hyacinths**, separate colors and mixed; **Narcissus**, all kinds; **Lilies.**

Mention The Review when you write.

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"SUPERIOR QUALITY"
BRAND
WILD SMILAX
ALWAYS ON HAND.

AT THE SIGN OF THE PALMS — TRADE MARK

25-pound case.....$3.00
50-pound case..... 5.00

NONE BETTER
E. F. WINTERSON CO.
45-47-49 WABASH AVE.
CHICAGO

Mention The Review when you write.

ROSES High Grade cut blooms at all times

HELLER BROS., NEW CASTLE, IND.
SOUTH PARK FLORAL CO.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Philadelphia, Dec. 7.

	Per doz.
Beauties, Specials	$4.00 to $5.00
" Extra	3.00
" Medium	2.00
" Short	1.00 to 1.50
Queen of Edgely, Medium	2.00 to 3.00
" " Short	1.00 to 1.50
	Per 100
Bride and Bridesmaid	8.00 to 10.00
" Ordinary	3.00 to 5.00
Liberty, Specials	15.00 to 20.00
" Select	8.00 to 12.00
" Seconds	3.00 to 5.00
Golden Gate, Special	8.00 to 10.00
" Ordinary	3.00 to 5.00
Ideal	2.00 to 3.00
Perle	3.00 to 5.00
Sunrise	4.00 to 6.00
Carnations, Enchantress	4.00 to 6.00
" Fancy	3.00 to 5.00
" Select	2.00 to 2.50
" Ordinary	1.00 to 1.50
Adiantum Cuneatum	.75 to 1.00
" Croweanum	1.50
" Farleyense	10.00
Asparagus Plumosus, Strings	50.00
" " Sprays	25.00 to 50.00
" Sprengeri Sprays	35.00 to 50.00
Orchids, Cattleyas	60.00
" Dendrobium Formosum	40.00
" Oncidium	5.00
" Cypripedium	15.00
Bouvardias	2.00 to 4.00
Callas	10.00
Daisies, Yellow	.75 to 1.00
" White	.75 to 1.00
Gardenias	50.00
Mignonette	2.00 to 4.00
Pansies	.75 to 1.00
Smilax	12.50 to 15.00
Sweet Peas	.50 to .75
Valley, Fancy	4.00 to 5.00
" Ordinary	2.00 to 3.00
Violets, Single	.50 to .75
" Double	1.00 to 1.50
" White	2.00
Chrysanthemums, Fancy, per doz.	3.00 to 4.00
Easter Lilies, per doz.	1.50
Paper Whites	2.00 to 3.00
Romans	3.00 to 4.00
Heliotrope, fancy, per doz.	1.50
Poinsettias	12.50 to 40.00
Stevia	1.00

THE REVIEW is all right, the best paper.—C. L. BAUM, Knoxville, Tenn.

JOSEPH HEACOCK

WYNCOTE, PA.
Grower of
Kentia Belmoreana
and Kentia Forsteriana

Mention The Review when you write.

EDWARD REID,
WHOLESALE FLORIST.
Everything Seasonable in **Cut Flowers**
1526 Ranstead St., PHILADELPHIA.
Store closes at 8:00 p. m. Long Distance Phone.
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Choice Carnations In quantity
1432 South Penn Square, Philadelphia.
Mention The Review when you write.

FRED EHRET, Wholesale Florist
Center for BRIDES, MAIDS, BEAUTIES, CARNATIONS, Etc.
CHRYSANTHEMUMS until Christmas, including Dorothy Faust, Fancy White.
1403-5 Fairmount Ave., PHILADELPHIA.
Established 1890.
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Michigan Cut Flower Exchange.
WM. DILGER, MANAGER.
All Ferns, Fancy and Dagger
$1.50 Per 1000.
38-40 Miami Avenue, Detroit, Mich.
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CUT ROSES DIRECT
From Grower to **DEALER**
Brides, Meteors, Beauties, Maids, Smilax and Carnations.
GOOD GOODS. LOW PRICES.
FREDERICK D. STEIN, - - MADISON, N. J.

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GROWER ....OF **Palms, Etc.**
Send for Price List.
HOLMESBURG, PHILADELPHIA, PA.
Mention The Review when you write.

BOSTON FERNS!
- Stocky plants with short fronds, 6-inch pots, 50c each; $6.00 per dozen. Good value.
JOHN WELSH YOUNG
Upsal Station, Penna. R. R.
GERMANTOWN, PHILADELPHIA.
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We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
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SHIPPING ON COMMISSION.
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VALLEY, FARLEYENSE, CARNATIONS Shipped at New York Prices
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CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
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Beauties, Meteors, Brides and Bridesmaids are the leaders
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND
ORCHIDS A SPECIALTY.
HEADQUARTERS FOR NOVELTIES

W. GHORMLEY,
The Largest Commission House in America for Roses, Violets and all other varieties of Cut Flowers.
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57 WEST 28TH ST., NEW YORK
'PHONE 2200 MADISON SQ., which ring, connects you with all our TELEPHONES.
MY LARGE SHIPPING TRADE ENABLES ME TO COMMAND THE HIGHEST PRICES.
Special arrangements this season for the extensive handling of American Beauties
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Wholesale Commission Dealer in
CUT FLOWERS
39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality American Beauties and all other varieties of Roses.
Telephone 902 Madison Square. Carnations
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OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
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WANTED a few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.
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All varieties of Cut Flowers in season at right prices and of the best quality.
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Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around
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Wholesale Cut Flower Prices.

New York, Dec. 7.

		Per 100	
Beauties,	Specials	$30 00 to	$35.00
"	Extra	15 00 to	20.00
"	No. 1	8 00 to	10.00
"	Shorts	2.00 to	4.00
Brides and Maids,	Specials	8.00 to	12.00
" "	Extra	4.00 to	6.00
" "	No. 1	8.00 to	4.00
" "	No. 2	1.00 to	2.00
Golden Gate		4.00 to	10.00
Liberty		2.00 to	20.00
Mme. Chatenay		2.00 to	10 00
Meteor		1.00 to	5.00
Orchids, Cattleyas		50.00 to	75.00
Cypripediums		10.00 to	12.00
Carnations, Common		1.00 to	1.50
" Selects		2.00 to	2.50
" Fancies		2.50 to	3.00
" Novelties		4.00 to	8.00
Adiantum Cuneatum		.25 to	.75
" Croweanum			1.50
Asparagus Plumosus, Strings		25.00 to	50.00
Asparagus Sprengeri		10.00 to	15.00
Lilies		8.00 to	12.00
Lily of the Valley		2.00 to	3.00
Smilax		8.00 to	12.00
Violets		.50 to	1.00
" Specials		1.00 to	1.50
Chrysanthemums, Fancy		10 00 to	25.00
Chrysanthemums, Common		4.00 to	8.00
Narcissi, Romans		1.00 to	2.00

A. L. YOUNG & CO.,
WHOLESALE FLORISTS,
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Tel. 3559 Madison Sq. 54 W. 28th St., New York.

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GROWERS — Important — Special advantages for you this season. Write or see us.
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Orchids, Roses, Carnations, Violets and Every Variety of Cut Flowers.
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American Beauties—Orchids—Roses—Carnations—Violets

AND EVERY VARIETY OF CUT FLOWERS

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HINODE FLORIST CO., Importers and Growers of High-Grade JAPAN LONGIFLORUM LILIES, JAPANESE DWARFED PLANTS. Woodside, Long Island, N. Y.

Hinode Florist Co., A large range of new greenhouses is being erected at Whitestone for lily forcing. Plants and flowers supplied in any quantity throughout the season. Our stock is of the best type, well grown, and holds the record as the finest handled by the florists of New York City last Easter. Whitestone, N. Y.

Quaint and curious Japanese plants on hand for shipment all the year around. Telephone Connection.

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Wholesale and Retail Dealers in all kinds of EVERGREENS



GALAX, Bronze or Green $1.00 per 1000.

FERNS, Fancy, $1.50 per 1000. Dagger, 1.00 "

468 Sixth Avenue, NEW YORK

Between 28th and 29th Streets.

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Wholesale and Retail Dealers in all kinds of



Ever-greens



FANCY and DAGGER FERNS.

GALAX—Brown and Green.

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LEUCOTHOE SPRAYS, PRINCESS PINE, HOLLY, SOUTHERN WILD SMILAX.

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WHOLESALE DEALERS

All Decorating Evergreens, Galax, Leucothoe, Mosses, &c.

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Galax, Leucothoe, etc.

Galax, Brilliant, Bronze or Green...$1.00 per 1000 in lots of 5000 at 75c per 1000.

Leucothoe Sprays Bronze or Green, $1.00 per 100 $7.50 per 1000.

Green Sheet Moss.....per bbl. sack, $2.50

Sphagnum Moss.....per sack, 60c and $1.25

Cut Flowers. Florists' Supplies.

H. L. Menand, L. D. Telephones 34 William St. Albany, N. Y.

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YOU will find... ALL the BEST offers ALL the time in the Review's Classified Advs

Wholesale Cut Flower Prices.

Boston, Dec. 7.

	Per 100
Beauties, Specials	$30.00 to $40 00
" Extra	15.00 to 20.00
" Short Stems	5.00 to 8.00
Brides, Specials	8.00 to 12.50
" Seconds	3.00 to 4.00
Bridesmaids, Specials	8.00 to 12.50
" Seconds	2.00 to 3.00
Liberty	5.00 to 20.00
Bon Silene	4.00
Safrano	4.00
Carnot	5.00 to 8 00
Chatenay	4 00 to 12 50
Cattleyas	40.00 to 50.00
Cypripediums	8 00 to 12.50
Carnations, Specials	3.50 to 4.00
" Select	3.00
" Ordinary	2 00 to 2.50
Chrysanthemums	4.00 to 12.00
Violets, single	1.00 to 1.25
" double	.75
Lily of the Valley	3.00 to 4.00
Narcissus	2.00 to 2.50
Mignonette	2.00 to 3.00
Bouvardia, bunch	.25
Stevia, bunch	.25
Asparagus Plumosus, Strings	40.00 to 50.00
" " Sprays, bunch	.50
" Sprengeri, bunch	.35 to .50
Smilax	8.00 to 10 00
Adiantum	.50 to 1.00
Poinsettias	.20 to .30

Buffalo, Dec. 7.

	Per 100
Beauties, Specials	$40.00 to $50 00
" Extra	20.00 to 30.00
" Shorts	6.00 to 10 00
Brides and Maids, Extra	6.00 to 8.00
" " No. 1	3.00 to 5.00
" " No. 2	2.00 to 3.00
Carnot	2.00 to 3.00
Golden Gate	2.00 to 5.00
Kaiserin	2.00 to 3 00
Liberty	2.00 to 10.00
Meteor	2.00 to 6.00
Mrs. Morgan	2.00 to 4.00
Perle	2.00 to 4.00
Sunrise	1.00 to 3.00
Carnations	2.00 to 4.00
Chrysanthemums	4.00 to 25.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	10 00 to 12.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Lilium Longiflorum	15.00
Lily of the Valley	3.00 to 5.00
Smilax	12.50 to 15.00
Galax	.10 to .15
Common Ferns	.15 to .20
Violets	.75 to 1.50

I WOULD not want to do without the REVIEW.—J. H. FIESSER, West Hoboken, N. J.

1871 James Hart 1904

(The Original Pioneer House)

Commission Dealer in CUT FLOWERS

117 West 30th St., near Sixth Ave.

Telephone 626 Madison Square. NEW YORK

EVERYTHING IN CUT FLOWERS FROM THE BEST GROWERS.

SOUTHERN WILD SMILAX

Choice stock, well packed, 50 lb. Cases, $6.00. Cover about 600 square feet. 25 lb. Cases, $3.25. Cover about 300 square feet.

GALAX LEAVES. Brilliant bronze or green (selected stock, full count) $1.00 per 1000, $3.75 per 5000.

LEUCOTHOE SPRAYS, Green, 90c per 100, $7.50 per 1000.

SPHAGNUM MOSS, Large bale, $1.75, (by freight $2.00)

GREEN SHEET MOSS, Beautiful color, clean stock, $2.50 per bbl. sack.

IMMORTELLES New crop, red, white, pink, purple, blue, green orange and black at $2.75 per doz. bunches. Yellow, $2.25 per doz. bunches.

All kinds of Florists' Supplies

L. J. KRESHOVER

110-112 W. 27th Street,

Tel. 597 Madison Square. NEW YORK.

N. LECAKES & CO.

53 W. 28th St., NEW YORK



Tel. No. 1214 Madison Square

Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street & 34th Street Cut Flower Market.



SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine and all kinds of Evergreens.

Green and Bronze Galax Leaves,

75c. per 1000.

Mention The Review when you write.

HOLTON & HUNKEL CO.

WHOLESALE FLORISTS,

MILWAUKEE, -- WIS.

Mention The Review when you write.

National Florists' Board of Trade

NEW MANAGEMENT. Tel. Call, 655 John.

HARRIS H. HAYDEN (late manager of the Nepera Chemical Company).....President.

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JOHN E. WALKER (Member of the New York Bar).....Secretary and Treasurer.

56 Pine St., Wallace Bldg., Rooms 601-603 NEW YORK CITY

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The Florists' Manual Tells You What You Want to Know in the Way You Want to be Told.

Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

WHOLESALE GROWERS OF AND DEALERS IN **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

VAUGHAN & SPERRY

Wholesale Florists,

58-60 Wabash Ave., **CHICAGO.**

Write for special prices.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Dec. 7.

	Per doz.
Beauties, Long stems	$6.00
" 30-inch "	5.00
" 24-inch "	4.00
" 20-inch "	3.00
" 15-inch "	2.00
" 12-inch "	1.50
Shorts....per 100, $6.00 to $8.00	

	Per 100
Bridesmaids, Specials	$6.00 to $10.00
" Firsts	4.00 to 5.00
Brides, Specials	6.00 to 10.00
" Firsts	4.00 to 5.00
Liberty, Specials	6.00 to 15.00
" Firsts	4.00 to 5.00
Golden Gate, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Kaiserin, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Meteor, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Ivory, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Perles, Firsts	4.00 to 8.00
" Seconds	8.00
Chatenay	6.00 to 12.00
Carnations, Select	2.50 to 3.00
" Fancy	4.00 to 5.00
Violets	1.00 to 1.50
Callas	10.00 to 12.50
Paper Whites	3.00
Stevia.....per bunch,	.25 to .50
Asparagus, Strings	35.00 to 50.00
" Sprays....per bunch,	.25 to .35
Sprengeri....	.25 to .35
Ferns.....per 1,000, $1.50	.15
Adiantum Cuneatum	.75 to 1.00
" Croweanum	1.50
Smilax....per doz.	1.50 to 2.00

Cleveland, Dec. 7.

	Per 100
Beauties, Specials	$40.00
" Extra	30.00
" No. 1	25.00
" Shorts	15.00
Bride and Bridesmaid	$4.00 to 8.00
Kaiserin	4.00 to 8.00
Meteors	4.00 to 8.00
Carnations	3.00 to 4.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri "	2.00 to 4.00
Violets	.75 to 1.50
Smilax	12.50 to 15.00
Paper Whites	3.00 to 4.00

D. WOOD BRANT

SUCCESSOR TO

BRANT & NOE FLORAL COMPANY,

58-60 Wabash Ave., **CHICAGO.**

Very Choice American Beauties.

Wholesale Grower of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.

Mention The Review when you write.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

SINNER BROS.

Wholesale Growers and Shippers of **CUT FLOWERS**

58-60 WABASH AVE., CHICAGO, ILL.

With the Flower Growers' Co. Telephone—Central 3067.

All telephone and telegraph orders given prompt attention.

PERCY JONES

Wholesale Cut Flowers

Flower Growers' Market,

60 Wabash Ave., **CHICAGO.**

STANDING ORDERS SOLICITED.

A

Daily Cut from 40 Growers,

We can and will fill your Cut Flower wants to advantage.

Plenty of MUMS, BEAUTIES, MAIDS, BRIDES, etc. CARNATIONS, VIOLETS, etc. ALL GRADES.

Shipping orders our specialty. Write, telephone or telegraph.

Long Distance Phone 1129 Main.

Headquarters for HARDY FERNS and WILD SMILAX.

Most complete line of

FLORISTS' SUPPLIES

IN THE WEST.

——CATALOGUE FREE——

E. F. WINTERSON CO.

Established 1894

45-47-49 Wabash Ave., CHICAGO.

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J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and Carnations A Specialty.....

WHOLESALE GROWER of **CUT FLOWERS**

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Wholesale Growers of **Cut Flowers**

All telegraph and telephone orders given prompt attention.

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GEORGE REINBERG,

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WHOLESALE DEALER IN AND .....GROWER OF **CUT FLOWERS**

Two daily shipments from my greenhouses. Fresh Stock always ready for orders. Write, wire or phone. Quick Service Given.

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WEILAND & RISCH

WHOLESALE GROWERS AND SHIPPERS OF

59 WABASH AVE. CUT FLOWERS CHICAGO

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Flower Growers' Market, 58-60 Wabash Avenue, CHICAGO.

The place to sell your stock.

See PERCY JONES, Manager.

Mention The Review when you write.

A. L. RANDALL CO.

Wholesale Florist

19 and 21 RANDOLPH ST., **CHICAGO.**

Write for special quotations on large orders.

Mention The Review when you write.

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST. WHOLESALE FLORISTS CHICAGO.

Last week we offered you Holly, Aucubas and other berried and blooming plants for Christmas. We now offer you an unrivalled lot of Poinsettias for delivery now or at Christmas. You cannot do better than order these for delivery now or at Christmas. American Beauty Roses are likely to be scarce at Christmas, we advise you to place your orders now. We have secured an exceptionally fine stock of well berried Holly which we offer at $4.00 per case.

The Philadelphia Wholesale Flower Market, 1235-37 Filbert St., Philadelphia.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Cincinnati, Dec. 7.

	Per 100
Beauties, Extra	$15.00 to $35.00
" No. 1	10.00 to 12.50
" Shorts	4.00 to 8.00
Brides and Maids, Extra	8.00
" " No. 1	6.00
" " No. 2	3.00
Golden Gate	3.00 to 8.00
Kaiserin	3.00 to 8.00
Liberty	3.00 to 10.00
Meteor	3.00 to 8.00
Perle and Sunrise	2.00 to 4.00
Carnations, Common	1.50
" Selects	2.00 to 2.50
" Fancies	2.50 to 4.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Lilium Longiflorum	8.00 to 12.50
Smilax	10.00 to 15.00
Lily of the Valley	3.00 to 4.00
Chrysanthemums	4.00 to 25.00
Violets	.50 to 1.50
Narcissi, Romans	3.00 to 4.00

WE highly value the REVIEW, indeed we cannot dispense with it.—F. H. DE WITT & Co., Wooster, O.

Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

A Million Feet of Modern Glass.

Current Price List.

AMERICAN BEAUTIES—	Per doz.
Extra select	$6.00
30-inch stems	5.00
24-inch stems	4.00
20-inch stems	3.00
15-inch stems	2.50
12-inch stems	2.00
Short stems	$6.00 to $12.00 per 100.

	Per 100
LIBERTY	$4.00 to $10.00
CHATENAY	8.00 to 10.00
" seconds	4.00 to 6.00
MAIDS AND BRIDES	6.00 to 8.00
" " seconds.	4.00 to 5.00
PERLE	4.00 to 6.00
UNCLE JOHN	4.00 to 8.00
SUNRISE	4.00 to 8.00
CARNATIONS	3.00 to 5.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00

Mention The Review when you write.

WM. MURPHY

Wholesale Commission Dealer in **Cut Flowers**

Consignments Solicited.

128 E. Third St., CINCINNATI, OHIO.

Long Distance Phones { M-980. West 1191-R.

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LOUIS H. KYRK

Wholesale Commission Florist,

Phones, Main 3062. Main 2486-L.

110 E. 3rd St., CINCINNATI, O.

Receiver and Shipper of Cut Flowers.

CONSIGNMENTS SOLICITED.

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GALAX, LEUCOTHOE, FERNS

Galax, Bronze and Green.....$1.00 per 1000
Leucothoe Sprays ..... .75 per 100
Hardy Cut Ferns..... 1.75 per 1000
Special price on large quantities.

Cut Flowers. Consignments Solicited.

C. E. Critchell, Wholesale Commission Florist

36 East 3rd St., Cincinnati, Ohio.

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The J. M. McCullough's Sons Co.

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

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H.G.Berning

WHOLESALE FLORIST,

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ST. LOUIS, MO.

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C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Dec. 7.

	Per doz.
Beauties, Specials	$5.00 to $6.00
" Extra	2.50 to 3.00
" No. 1	1.00 to 1.50
" Shorts	.60 to .75
	Per 100
Brides and Maids, Specials	$8.00 to $10.00
" " Extra	5.00 to 6.00
" " No. 1	3.00 to 4.00
Carnot	5.00 to 8.00
Golden Gate	4.00 to 6.00
Kaiserin	6.00 to 8.00
Liberty	6.00 to 10.00
Meteor	5.00 to 10.00
Carnations, Common	1.50 to 2.00
" Select	3.00 to 4.00
" Fancies	5.00 to 6.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 1.50
" Sprengeri "	1.00 to 1.50
Chrysanthemums, Select	20.00 to 25.00
" Fair	8.00 to 15.00
Lily of the Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Violets, single	.60 to .75
" double	1.00 to 1.50
Paper White	3.00 to 4.00
Romans	3.00 to 4.00

Pittsburg, Dec. 7.

	Per 100
Beauties, Specials	$40.00 to $50.00
" Extra	25.00 to 35.00
" No. 1	12.00 to 20.00
" Shorts	6.00 to 8.00
Brides and Maids	2.00 to 10.00
Cusin	2.00 to 10.00
Kaiserin	2.00 to 8.00
Liberty	4.00 to 15.00
Mme. Chatenay	3.00 to 8.00
Carnations	1.00 to 4.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 2.00
Chrysanthemums	10.00 to 20.00
Lily of the Valley	2.00 to 4.00
Violets	.50 to 1.50
Smilax	12.50 to 15.00
Lilies	12.50 to 15.00
Paper Whites, Romans	2.00 to 3.00
Stevia	1.00 to 2.00

WE would not do without the REVIEW at twice the present subscription price.—G. H. TAEPKE, Detroit.

PETER WEILAND,

Wholesale Grower of

Cut Flowers

Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.

128 East 3rd St., CINCINNATI, OHIO.

All stock sold at the PREVAILING MARKET PRICE.

Mention The Review when you write.

FRANK M. ELLIS, Wholesale Florist, 1316 Pine Street, **ST. LOUIS, MO.**

THE FINEST OF EVERYTHING IN THE MARKET.

SELECT VALLEY, FANCY CARNATIONS in all varieties.

Fancy Stock in all kinds of Roses. Complete line of FLORISTS' SUPPLIES.

LONG DISTANCE TELEPHONE MAIN 2018 M.

SOUTHERN GREENS.

The industry of gathering and shipping southern evergreens has become an important one, for the florists and decorators of the north have found many uses for this material since a safe and satisfactory source of supply has been provided. Literal train loads of wild smilax are shipped north from Alabama every winter and there is also a big business in sheet moss, palm crowns, needle pines, palmetto leaves and a number of other items which come under the head of southern evergreens, not including holly, which is generally from a source farther north than the locality which provides much of the other stock.

George W. Caldwell was the pioneer of the southern greens shippers and it is to him that Evergreen, Ala., must give credit for making the town known wherever there is a florist. He found it slow work at first, but when he succeeded in getting a few of the leading decorators in the large cities to make a trial of wild smilax in some of their good work, from that day the business began to increase at a wonderful rate. Wild smilax is the principal commodity shipped from Evergreen, Ala., and the amount of it which is annually used has resulted in a large number of gatherers starting in the business in competition with the pioneer, but he welcomes them all and says there is business for every one who will put up a first-class article and demonstrate that he is to be entrusted with orders for goods which must arrive on time or be valueless, as well as a cause of untold disappointment. Mr. Caldwell had an interesting article of the development of the industry in the December issue of Country Life.

KALAMAZOO, MICH.

Trade has been most gratifying with everybody. Prices are about the same as last year but there was a marked increase of local trade. Wholesale shippers state that prices do not come up quite to last year's quotations.

At Grofvert & De Smith's everything is in good shape and a heavy cut for Christmas is in sight. At the Dunkley Floral Co. I noticed a nice lot of poinsettias and everything looks well. The Central Michigan Nurseries, with Mr. Smith as foreman, make a fine showing. Their carnations are very good. They have two new carnation seedlings, one a scarlet of very pleasing shade, good stem and habit, the other a variegated which undoubtedly will prove a winner. A batch of very fine lily of the valley and a bench of single violets in full bloom, as well as cyclamens, primroses, etc., show the care of Mr. Smith.

Sam Batson's carnation houses are a mass of bloom and buds. Baby primroses for cutting are in full blast. Everything speaks well for Mr. Batson.

G. Van Bochove & Bro. have everything spick and span. Their roses and carnations are very fine and heavy cuts of each are coming just right for the holidays. Cyclamens, primroses and cinerarias are as fine as ever. Their mums were of extra quality but they were completely sold out two weeks before Thanksgiving. Their shipping trade is rapidly increasing and they will build a big range next year. They have bought thirty acres of ground, only twenty rods from the end of the trolley car line and well adapted for this purpose. They will erect 75,000 feet of glass of the most modern type of greenhouse construction. The ground is broken, orders for glass, pipes and other material are given. Two 150 horse-power boilers will be installed. Their old place will be taken down and removed to the new location in time and operations will begin at the earliest possible moment next spring. With this addition they will have nearly 150,000 feet of glass.

I am sorry to state we have lost an old friend, M. F. Kyle, foreman for the Dunkley Floral Co., where he was engaged for the past five years. He made many friends among the craft here and all are sorry to lose him. He will reside in Chicago. H. M.

HOLIDAY RIBBONS FOR FLORISTS

"The kind you will want for your Holiday trade."

HOLLY REDS, CHRISTMAS GREENS and White Satin Ribbon printed with holly leaves and berries. We have other colors as well. All widths. Glad to send you samples and prices. : : : : : :

The Pine Tree Silk Mills Company
Philadelphia
OFFICE AND SALESROOMS:
806-808-810 ARCH ST. 52 and 54 N. 8th ST.

Mention The Review when you write.

Fancy or Dagger Ferns



85c per 1000. Galax, brilliant bronze or green, 75c per 1000; $6.50 per case 10,000. Laurel festooning, hand made, full sizes, 4c, 5c and 6c per yard, made fresh daily from the woods. Send us your Christmas orders now and we will please you. Branch Laurel, 35c per large bundle. Southern Wild Smilax, $5.50 per case, large size. Laurel wreaths and Princess pine wreaths made all sizes and prices. Princess pine by the pound and made into roping.
Tell us your wants and we will name you prices.
CROWL FERN CO., - - - MILLINGTON, MASS.

Mention The Review when you write.

ATTENTION !!! Florists
For WAX FLOWERS, BASKETS, WAX FLORAL DESIGNS, WHEAT SHEAVES, etc., send to
J. STERN & CO. 1928 Germantown Avenue, (Ask for our beautiful Catalogue.) **Philadelphia.**

Mention The Review when you write.

J. L. DILLON
Wholesale Florist
Bloomsburg, Pa.

Mention The Review when you write.

500 Strings Asparagus Plumosus Nanus.
2000 Strings Smilax. Send 50c for samples and MAKE ME AN OFFER
Aspidistra lurida, 6 to 10-inch plants, 4c per leaf.
WILLIAM CLARK,
COLORADO SPRINGS, COLO.

Violets.
We make a specialty of
VIOLETS...
ELI CROSS, Grand Rapids, Mich.

Mention The Review when you write.

I COULD not keep (green) house without the REVIEW; many an article is worth the cost for the year.—N. GOODGE, Evansville, Ind.

FORT WORTH, TEX.—McAdam & Cowell say that the Thanksgiving business reminded them of Christmas. Trade is constantly increasing in this section.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

LEIKENS

7 E. 33d St. Near Waldorf-Astoria New York City

Telephone No. 1417 Madison

NURSERIES, RUTHERFORD, N.J.

☞ Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

ORDERS FOR....

CHICAGO

WILL BE FILLED BY

P. J. HAUSWIRTH,

227 Michigan Ave.

Auditorium Annex. Telephone Harrison 585.

A. GUDE & BRO.

1224 F Street, Northwest,

Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE. CLEVELAND, OHIO.

HAVE YOUR

RETAIL ORDERS

FILLED BY THE

GEO. WITTBOLD CO.

1657-59 Buckingham Place, CHICAGO.

Julius Baer,

116 E. Fourth Street.
Long Distance Phone 2478.

Cincinnati, Ohio

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON

ST. PAUL, MINN.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,

2319 AVENUE M. Galveston, Tex.

Always Mention the....

Florists' Review

When Writing Advertisers.

M. A. Bowe

1294 BROADWAY,

IN THE HEART OF

New York City

TEL. 2270 38TH ST.

OUR MOTTO—"THE GOLDEN RULE."

FRED C. WEBER, FLORIST,

4326-28 Olive Street, St. Louis, Mo.

ESTABLISHED 1873.

Long Distance Phone Lindell 196 M.

YOUNG & NUGENT,

42 West 28th Street,

Tel. 2065 Madison Sq. NEW YORK CITY.

Orders from out-of-town florists for Steamers, Commencements and Receptions, etc., receive immediate and careful attention.

SATISFACTION GUARANTEED.

Telegraph, Telephone or Write us.

Orders for **Chicago and Vicinity**

WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. 51 Monroe St., CHICAGO.

HUGH GRAHAM,

PHILADELPHIA,

104 S. Thirteenth St.

All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

Palmer's

BUFFALO, New York.

PRATT & GIGER,

FLORISTS AND DECORATORS

NEW LONDON, CONN.

J. J. BENEKE,

1216 Olive Street ST. LOUIS, MO.

Alexander McConnell

546 Fifth Avenue
Cor. 45th St., N. W.

NEW YORK, CITY.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention . . . . . .

Telephone Calls: 340 and 341 38th Street.

Cable Address: ALEXCONNELL.

WESTERN UNION CODE.

WILLIAM L. ROCK FLOWER CO.

KANSAS CITY, MO.

C. C. Pollworth Co.

WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in

WISCONSIN

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,

New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

Houghton & Clark

434 Boylston Street,

Boston, Mass.

WASHINGTON, D. C.

Orders Executed Artistically.

Blackistone,

Long Distance Phone 2180. COR. 14th and H STS.

S. B. Stewart,

119 No. 16th Street. OMAHA, NEB.

Always Mention the....

Florists' Review

When Writing Advertisers.

BOILER ABOVE GROUND.

Some time ago L. C. C. gave me directions for heating three houses, 6,000 feet of ground covered, with hot water. I believe that if we had been able to follow directions we would have had a good system. The plan called for a deep r but we came to water at six feet and at between seven and eight feet there was such a heavy flow that we could not do anything with it. The party who was doing the steam fitting thought he could overcome the difficulty of having the boiler above-ground by running the main pipe up twelve feet, but it does not work. All the houses heat alike but some of the returns do not warm up. W. H. S.

I gather that you can get a dry pit six feet in depth. If so there should be no difficulty in obtaining a low down boiler which will give you satisfactory results. The Kroeschell No. 3 boiler is thirty-four inches high and the Superior boiler No. 000 is forty inches high without the ash pit. I believe either of these types will work in your system, with the piping arranged as I described in the September 1 issue of the Review. If you attempt to use a thirty or forty horse-power return tubular boiler eight to ten feet will be the required depth of the boiler pit, but with a self contained boiler, such as those above mentioned, I believe a six-foot pit will answer the purpose. It will be necessary for you to have the crown of the boiler below the lowest point in the returns in the house and the more this difference can be increased the better will be the results. The manufacturers of these boilers will give you the dimensions of a boiler with capacity for caring for 2,000 feet of radiation and from that you can determine whether or not these boilers will answer the purpose. If the boiler must be placed on the surface of the ground a circulating pump will be necessary. Such a pump can be arranged to operate with steam, water pressure or electricity. If the water or electricity are available, they will prove most satisfactory in a plant such as yours, where a night fireman is not kept on constant duty. L. C. C.

CAPACITY OF BOILER.

I am using an upright boiler five feet high with fifty 2-inch flues three feet long. Is it large enough to heat one house 17x48 and one 17x60? Side walls four feet, double boarded, with paper between. Have a coil under each side bench, of four 1-inch pipes with a 1½-inch feeder at the ridge. I must have 60 degrees, using steam. W. E. T.

In order to maintain a temperature of 60 degrees in your houses during severe weather, 636 feet of radiation should be supplied. The boiler you have has capacity to care for about 750 feet of radiation, or about 100 feet more than is required in the houses.

L. C. C.

CATALOGUES RECEIVED.

Henry Nungesser & Co., New York, grass and clover seeds; E. F. Winterson Co., Chicago, Christmas goods; Orcutt Seed & Plant Co., San Diego, Cal., seeds, etc.; Francis Brill, Hempstead, L. I., cabbage and cauliflower seed; Jos. Bancroft & Son, Cedar Falls, Ia., Christmas greens; W. W. Barnard & Co., Chicago, Chistmas greens.

Rooted Carnation Cuttings

..NOW READY..

These low prices good only up to December 25.

	Per 100	Per 1000
WHITE:		
Queen Louise	$1 00	$10.00
Flora Hill	1.00	10.00
Alba	1.40	12.50
Gov. Wolcott	1 00	10.00
Norway	1.00	10.00
Lillian Pond	1.40	12.50
Chicot	1.20	10.00
PINK:		
Mrs. Thos. Lawson	1.40	12.50
Enchantress	3 50	30.00
Mrs. Joost	1.00	10.00
Success	1.00	10.00
Mermaid	1.00	10.00
Cressbrook	1.00	10.00
Pres. McKinley	1.40	12.50
Mrs. Theo. Roosevelt	1.40	12 50
SCARLET:		
G. H. Crane	$1.00	$10.00
America	1.00	10.00

	Per 100	Per 1000
SCARLET:		
P. Palmer	$1 00	$10 00
Estelle	1.40	12.50
J. H. Manley	1.50	15 00
Apollo	1.50	15 00
CRIMSON:		
Harlowarden	1.40	12.50
Gov. Roosevelt	1.20	10.00
YELLOW:		
Golden Beauty	1.40	12.50
Eldorado	1.00	10.00
VARIEGATED:		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Stella	1.40	12.50
Armazindy	1.00	10.00
Viola Allen	1.20	11.00
Gaiety	1.20	11.00

Special prices on large lots. Unrooted pips at half price of above. 25 at 100 rate. 250 at 1000 rate. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

Loomis Floral Company, LOOMIS, CAL.

Mention The Review when you write.

PACIFIC COAST.

TWO USEFUL SUBJECTS.

I have had very good success during the past two seasons, both in transplanting and selling our native azaleas and rhododendrons. The azaleas are found in great profusion in the higher latitudes of California and also in Oregon. They grow to a height of ten feet and make well furnished shrubs. There is no difficulty in handling them at this season of the year, as they are about as dormant as they ever get. I dug about 200 plants last year at about this time and potted them in 8-inch and 10-inch pots and they broke out with a heavy young growth of leaves and blossoms in the spring. The masses of flowers almost obscure the foliage, they are so prolific, and are of a creamy white and delicate pink tint, with a faint spicy odor. Pot plants, when in full bloom, are good sellers, easily retailing from $1.00 to $2.50 each.

The native rhododendron, although it does not grow as abundantly as the azalea in this portion of California, is found in quantity in the northern part of our state and up the coast as far as British Columbia. I do not find it quite as easy to transplant as the azalea, as it is inclined to grow on the rugged mountain sides and does not make many small or fibrous roots. In transplanting about 200 plants I lost about fifty, but the balance, some of which I pruned heavily, broke out strong and made splendid heads of foliage and masses of flowers. The blooms of the native rhododendron are not fragrant but they are very showy and beautiful and the plants, when established in pots, sold well. In fact, I sold all I had and could probably have disposed of more.

Both these native shrubs are valuable and because they are so plentiful in certain parts of the state they have been neglected by the dealers and only when seen in their magnificence in the summer and fall is their value realized. G.

SAN FRANCISCO.

The Market.

Business has been extremely quiet since Thanksgiving. The weather is bright and warm again and flowers continue to be brought in by wagon loads. Chrysanthemums still hold their place as the season's favorite and, although the early blooming sorts are over, we still have an endless assortment of late varieties. Violets, although very cheap, are the best selling flower we are handling. They bring 75 cents per dozen bunches wholesale. Carnations are cheaper than they were a week ago and will not advance in price, unless we have cold weather, until the mums are over. The best of the fancy sorts cost three dozen for a dollar and other varieties sell at about 20 cents per dozen. Poinsettias are in and are of good quality. Narcissi of all kinds are a drug. Valley is daily getting more plentiful and sells at from $4 to $5 per hundred. Roses are only in fair supply but there seems to be enough to fill the demand. Green stuff is selling well but it is so cheap that a great quantity of it must be handled to make a few dollars. The dealers everywhere are hoping for a few sharp frosts to curtail the over-production of flowers.

Various Notes.

A. A. Mills, of the Orange County Nurseries, Fullerton, Cal., is in town on a short visit.

Howard Prentice has sold his Washington street store in Oakland to N. Rolleri. Mr. Prentice will devote his time in future to his wholesale department at Fruitvale.

James D. Brady, well known in Chicago trade circles, has moved to Califor-

Don't Wait

until you need cuttings. Order now; then you will have them when you want them.

Geraniums, Ivy Geraniums, Fuchsias, Double Petunias, Heliotrope and Bedding Plants in general, $6.00 per 1000.

Express prepaid on all orders received on or before December 15, 1904. Thirty varieties of **Carnation Cuttings.** Prices on application. Also **Dahlias, Cannas and Calla Bulbs.**

California Product Company,

55 Ellis St., SAN FRANCISCO, CAL.

Mention The Review when you write.

Primula Chinensis

5 colors, 2 and 3-inch, $2.00 to $3.00 per 100.

CYCLAMEN GIGANTEUM, Vaughan's Seed, 3-inch, fine plants, $7 per 100.
GERANIUMS R. C., $1 25 per 100.
HELIOTROPE, light and dark, R. C., $1 per 100.
PETUNIAS, R. C., single from California Giants, one of the finest collections in Cal. Flowers from 4 to 6 inches across. Doub'e, from Dreer's and Henderson's sets, $1.25 per 100. Cash please.

FRED GROHE,

McDonald Avenue, SANTA ROSA, CAL.

Mention The Review when you write.

nia and identified himself with Gill's Floral Depot, Oakland.

F. Hein, foreman of the University Nurseries, has received several thousands native evergreens to plant on the foothills back of the college reservation.

L. Wickstrom is devoting considerable space in his new store to a general assortment of plants, seeds and bulbs. An establishment of this kind has long been needed on upper Market street.

A visit to the greenhouses of J. H. Sievers & Co. shows an exceptionally fine stock of Christmas goods. The large houses devoted to palms, ferns and poinsettias are filled to overflowing and the carnation houses are among the finest in this neighborhood. G.

MENLO PARK, CAL.

The second fall show of the Menlo Park Horticultural Society was a most pronounced success, owing to the efforts of President Sidney Clack and Secretary J. T. Lynch. The show was larger than before. The principal exhibitors and prize winners were S. E. Slade, Geo. Nunn, gardener; Timothy Hopkins, J. B. Coryell, A. McDonald, gardener; C. W. Smith, Thos. McIntyre, gardener; F. Mills, Palo Alto; P. C. Meyers & Co., Burlingame; Goerzhain Bros., Redwood City; Mrs. G. A. Bathchelder, Fair Oaks; Mrs. W. B. Weir, D. O. Tuttle, Geo. A. Pope, Burlingame, and Mr. Clack.

EXHIBITION SPACE.

The receipts for the sale of space to the exhibitors at the trade exhibition in connection with the St. Louis convention of the S. A. F. were $1,984.44 and the expenses of conducting the exhibition $898.34, leaving a balance of $1,095.60 to the credit of the St. Louis Florists' club. The possibilities for the sale of space to exhibitors at the Washington convention next year will be very great, as the meeting place is not far from the cities whence come most of the exhibits.

300,000 Rooted Carnation Cuttings

NOW READY

☞ These low prices good only up to December 20th.

White:	Per 100	1000	5000
Queen Louise	$1.00	$10.00	$45.00
Flora Hill	1.00	10.00	45.00
Alba	1.40	12.50	60.00
Wolcott	1 00	10.00	45 00
Norway	1.00	10.00	45.00
White Cloud	1.00	10.00	45.00
Pink:			
Lawson	1.20	12 50	60.00
Marquis	1.00	10.00	45.00
Enchantress	3.50	30 00	....
Genevieve Lord	1.00	10.00	45.00
Mrs. Joost	1.00	10 00	45.00
Success	1.00	10.00	45.00
Mermaid	1.00	10.00	45.00
Cressbrook	1.00	10.00	45.00
McKinley	1.40	12.50	60.00

Scarlet:	Per 100	1000	5000
Crane, still ahead	$1.00	$10.00	$45.00
America	1.00	10.00	45.00
P. Palmer	1.00	10.00	45.00
Estelle	1.40	12.50	60.00
Crimson:			
Harlowarden	1.40	12.50	60.00
Gen. Gomez	1.00	10.00	45.00
Yellow:			
Golden Beauty	1.40	12.50	60.00
Eldorado	1.00	10.00	45.00
Variegated:			
Prosperity, fancy	1.40	12.50	60.00
Violania, still ahead	5.50	50.00	....
Marshall Field	1 40	12.50	60.00
Stella	1.40	12.50	60.00
Armazindy	1.00	10.00	45.00
Viola Allen	1.20	11.00	50.00

Unrooted Pips at half price of Rooted Cuttings.
25 at 100 or 1000 rates; 2500 at 5000 rate.
Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

California Carnation Company,

Lock Box 103. **LOOMIS, CAL.**

Mention The Review when you write.

200,000 ROOTED Carnation Cuttings

NOW READY.

WHITE	Per 100	Per 1000
Queen Louise	$1.00	$10.00
Flora Hill	1.00	10.00
Gov. Wolcott	1.00	10.00
Alba	2.00	15.00
White Cloud	1.00	10.00
PINK		
Lawson	1.20	12.50
Marquis	1.00	10.00
Enchantress	3.50	30.00
Mrs. Joost	1.00	10.00
McKinley	1.40	12.50
Mermaid	1.00	10.00
Cressbrook	1.00	10.00

SCARLET	Per 100	Per 1000
Crane	$1.00	$10.00
America	1.00	10.00
Estelle	1.40	12.50
CRIMSON		
Harlowarden	1.40	12.50
YELLOW		
Eldorado	1.10	12.50
Golden Beauty	1.40	12.50
VARIEGATED		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Armazindy	1 00	10.00
Viola Allen	1.20	11.00

Unrooted Cuttings at one-half price of Rooted Cuttings.

Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

Loomis Carnation Co. LOCK BOX 115 **Loomis, Cal.**

Mention The Review when you write.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants with 2 and 3 tier, 6 to 8 inches high, at **$15** per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, **$10** per 100 and from 2½-inch pots 6 to 8 inches high, **$12.50** per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

Mention The Review when you write.

NEWPORT, KY.—L. F. Benson and family escaped from their rooms in night attire December 1, when a fire started in the basement of the flower store.

CARNATION ROOTED CUTTINGS NOW READY

	100	1000		100	1000
Queen Louise, fine white	$1.20	$10.00	Armazindy, barred	$1.00	$10.00
Alba, large white	1.40	12.00	Mrs. Joost, pink	1.20	10.00
America, red	1.00	10.00	Lawson, pink	1.40	12.50
Mrs P. Palmer, big scarlet	1.20	10.00	Pres. McKinley, pink	1.40	12.50
G. H. Crane, scarlet	1.20	10.00	Success, light pk.	1.20	10.00
Eldorado, yel	1.20	10.00	Harlowarden, crimson	1.40	12.50
Marshall Field, barred	1.40	12.50	Gov. Roosevelt, crimson	1.40	12.50

Unrooted Cuttings one-half price. Terms—Cash with order or C.O.D., with privilege of examining. Express prepaid at above prices. All plants warranted true to name and well rooted.

HERMITAGE CARNATION CO., Loomis, Cal.

Mention The Review when you write.

REES & COMPERE

POST OFFICE ADDRESS:
LONG BEACH, CAL., R. F. D. No. 1.

The Largest Growers of **FREESIA BULBS** in the U. S.

SPECIALTIES—Freesias, Grand Duchesse Oxalis, Bermuda Buttercup, Amaryllis Johnsonii and Belladonna, Gladioli, Ornithogalum, Zephyranthes Rosea and Candida, Chlidanthus Fragrans, Hybrid Tigridias, Chinese Narcissus, etc., etc.

KANSAS CITY.

The Market.

Trade the past week has been exceptionally good. Chrysanthemums being nearly all gone, roses and carnations are again in demand. Prices are good and the call for good stuff is brisk.

Azaleas, lilies and violets are just beginning to be seen in the florists' windows, which are commencing to put on a holiday look. The outlook for good business up to the first of the year was never better.

Various Notes.

C. M. Wise has started in business at Twenty-fifth and Holmes streets. He has already built one house 20x90 and intends to build two more in the spring.

W. L. Rock has a splendid new wagon in course of construction.

Walter Troup, formerly assistant decorator for Ed Humfeld, has accepted the contract of making holly wreaths for Arthur Newell. Walter is watching the trains looking for the holly to arrive.

Miss Dalley reports splendid business the past week and is already booking orders for Christmas.

Jas. Payne, at Union Cemetery, since taking charge of the place has built up a fine trade and is getting fine stock ready for the spring market.

I hope the boys will not let the chrysanthemum show next fall slip by. Let us get the business men interested and prepare to make it the best we have ever had.

Ed Ellsworth, of G. M. Kellogg's, is distributing souvenirs to his lady customers in the form of a pad of several blotters with a celluloid cover stamped with morning-glories in colors.

The W. H. Humfeld Floral Co. is finishing up the old year in good style. They have installed a fine new refrigerator in their cut flower room, which is presided over by J. Bingham.

Lawrence Schwager has opened a new retail store on Grand avenue.

John Schneider, on Walnut street, is doing a nice business these days.

R. S. Brown says it is a physical impossibility for any florist to handle and sell over 5,500 mums in a day. He has tried. NARCISSUS.

THE FARTHEST NORTH.

I would like to ask how far north a greenhouse can be made successful, or, more especially, be a success in growing roses, carnations, lilies, etc.? We understand there is the corn belt, wheat belt, etc. These cereals can be grown outside of this section, yet with poor results; climatic conditions vary, seasons too short and failure financially is the result. I have seen roses bloom far north in Dakota but not of salable size; stems small and limp; blooms very inferior. Can anyone answer this question? E. O. L.

GERANIUMS

Good strong stocky plants from 2¼-in pots.

DOUBLE	Per doz.	Per 100	Per 1000
Bruanti, orange red	$.40	$2.00	
Centaure, beautiful rose pink	.40	2.00	$17.50
Comtess de Harcourt, pure white	.40	2.00	20.00
Double General Grant, vermilion scarlet	.40	2.00	17.50
Gloire de France, white pink shading	.40	2.00	17.50
Jean Viaud, bright rose pink	.40	2.00	17.50
Le Cid, dark scarlet crimson	.40	2.00	17.50
La Favorite, pure white	.40	2.00	20.00
Miss F. Perkins, light pink	.40	2.00	20.00
Miss Kendell, dark cerisette	.40	2.00	20.00
Mme. Charrott, rosy salmon pink	.40	2.00	
Mme. Barney, lovely rose pink	.40	2.00	
Mme. Buchner, white	.40	2.00	
Mme. Landry, beautiful apricot salmon	.40	2.00	17.50
Mme Canovas, very dark maroon	.40	2.00	20.00
S. A. Nutt, deep scarlet crimson	.40	2.00	20.00
SINGLES			
Granville, bright rose pink	.40	2.00	17.50
L'Auba, pure white	.40	2.00	
Queen of the West, orange scarlet	.40	2.00	17.50
Single General Grant, crimson scarlet	.40	2.00	17.50

Special price for this week. Not less than 250 of any one variety of the following; $15.00 per 1000; 6000 for $100.00: Double General Grant, Gloire de France, Jean Viaud, Mme. Landry, Granville, and Queen of the West.

Send for our descriptive Geranium Catalogue.

Greenhouse Plants

2¼ in stock; not less than 5 of any one variety sold.

	Per 100	1000
Ageratums, dwarf white and Stella Gurney, 40c per doz	$2.00	
Alternanthera, red and yellow, in variety	2.00	$15.00
Alternanthera, rooted cutting	.60	5.00
Alyssum dwarf and giant double, 40c per doz	2.00	
Aquilegia (Columbine), single mix'd.	3.00	
Coleus, good varieties	2.00	15.00
Ficus, 12 to 15 in. high $2.00 per doz.		
Gaillardia Grandiflora	3.00	
Hardy English Ivy	2.00	15.00
Heliotrope, good varieties	2.00	
Hibiscus, 3 varieties	3.00	
Hollyhock, double white and mixed, 3 in. pots	3 00	
Holt's Mammoth Sage	2.00	15.00
Lemon Verbena	2.50	17.50
Lantanas, 10 varieties	$2.00	$17.50
Maranta Massangeana	4.00	
Moonvines, white and blue, 50c doz.	3.00	
Plumbago, blue and white, 3 in. pots	3 00	
Rose, Marechal Niel, 3 in. pots	5.00	
Salvia, in variety	2 00	17.50
Smilax, strong	2.00	15.00
Swainsona Alba and Rosea	2.00	17.50
Sweet William double mixed	3.00	

Write us for special price on large lots of any thing in this list.

DAHLIA ROOTS

Good selection of standard varieties, $5.00 per 100; $40.00 per 1000. Mixed $4.00 per 100: $35.00 per 1000. Send for list.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh, Md.

Mention The Review when you write.

Chrysanthemums! Stock Plants.

THE BEST NEW AND OLD STANDARD SORTS.

The New Ones Alice Byron (best early season white), Duckham, Dr. Enguehard, Ben. Wells, Cheltoni F. A. Cobbold, Guy Hamilton, Harry Plumridge, Kimberly, Mildred Ware, L. Filkins, Maynell, Ida Barwood, F. S. Vallis, S. T. Wright, W. R. Church, Mrs. Buckbee, Golden Age, Rockford, Helen Frick and Mrs. N. Smith, 15 cents each; $1.50 per dozen.

(Paul Sahut and Carrie all sold.)

Golden Wedding, Silver Wedding, Lavender Queen, White and Yellow Jones, Estelle Polly Rose, Col. Appleton Robinson, Henderson and Mme. Diedereichs 8c each; 75c per doz.

No orders filled for less than $1.00. Satisfaction guaranteed. Cash with order, please.

CRITCHELL'S

Avondale, Cincinnati, Ohio

Chrysanthemum

Stock Plants

$8.00 per hundred or $1.50 per doz.

WHITE—T. Eaton, Jerome Jones, White Bonnaface, Bergmann.

YELLOW—Henderson, Appleton, Thirkell, Mournier, C. J. Salter, P. Plumridge, Yellow Jones, Golden Wedding.

PINK—J. K. Shaw, Viviand-Morel, Silver Queen, Marion Newell.

Bassett & Washburn

76-78 Wabash Avenue, CHICAGO, ILL

New Hardy Annual

The Gold Medal carmine flowered tobacco plant. Silver Medal Mass. Hort. Society, Boston, Nov. 3, 1904.

Nicotiana Sanderae

Seeds in original packets from all seedsmen throughout the United States.

Gold Medal London, 1903. Gold Medal Royal Horticultural Society of England, 1904. First-class Certificate and Barksian Medal by 24 members Floral Committee R. H. S.

Particulars, colored illustrations, etc., from

SANDER & SONS, St. Albans, England.

Wholesale agents for the United States:
H. A. Dreer, 714 Chestnut St., Philadelphia Pa.
J. M. Thorburn & Co., 36 Cortlandt St., New York.
Vaughan's Seed Store, Chicago and New York.

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DAHLIAS

25 leading varieties, all under name, guaranteed true, including the best sorts in cultivation, such as Clifford W. Bruton, A. D. Livoni, Nymphaea, Lemon Giant, Fern Leaf Beauty, Snow Clad, White Swan, Frank Smith, etc.

We offer HEAVY FIELD CLUMPS, JUST AS DUG, $5.00 per hundred; $45.00 per thousand.

THE DINGEE & CONARD CO.

WEST GROVE, PA.

Mention The Review when you write.

Asparagus

	Per 100
Plumosus Nanus, 2¼-in. pots, per 1000, $15.00;	$2.00

Pansy Plants

Large flowering, per 1000, $2.50 ..... .60

—CASH—

Jos. H. Cunningham, Delaware, Ohio.

Mention The Review when you write.

IT'S NO TROUBLE HERE.

Ellenville, N. Y.—I have used your Fumigating Powder for the past five years in fumigating violets. I find it more effective than tobacco stems, easier to use, does not injure the plants or blooms. I have no trouble to keep down the green fly and black aphis, as well as the injurous gall fly. I can recommend it as a good article that will do business always. See page 162.

R. T. COOKINGHAM.

Mention The Review when you write.

OUR IDEAS PAY!

The Best of all to-day is our Beautiful New

Red Immortelle Wreath

Which you will find profitable. Order now

CHRISTMAS BELLS Both Folding Paper and Immortelle—in all sizes.

We were leaders with these Bells and to day have the best quality and largest stock on the market.

All the BEST NOVEL and STANDARD SUPPLIES

H. BAYERSDORFER & CO.

THE Florists' Supply House of America.
50, 52, 54 and 56 North Fourth Street, PHILADELPHIA.

Mention The Review when you write.

ALPHA Christmas Bells!



Having received so many orders for **ALPHA BELLS** this year that we cannot promise delivery of any further orders received after December 1.

Patented March 15, 1904
No. 754,782

A medium priced Bell, but as good as the best that has ever been out on the market. Perfect and graceful in shape, bright and attractive in color. They are strongly and firmly made—easily handled—no chance for breakage.

L. WERTHEIMBER & CO.,

FOREIGN AND DOMESTIC SPECIALTIES
39 Barclay Street, NEW YORK CITY

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MISTLETOE.

5 lbs., $1.00; 10 lbs., $1.50; 25 lbs., $2.50
SATISFACTION GUARANTEED.
Write for Special Prices on large lots.
MRS. GEO. J. STARR, Wilson, N. C.

Mention The Review when you write.

L. B. BRAGUE,



Hinsdale, Mass.
WHOLESALE DEALER IN
Christmas Trees
AND
Baled Spruce
FOR CEMETERY USE.

Special attention paid to furnishing in car-load lots. Write for price list and terms.

ALSO WHOLESALE DEALER IN
EVERGREENS, CUT FERNS,
SPHAGNUM MOSS, Etc., Etc.

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TEXAS MISTLETOE

For Christmas decorations. Absolutely the finest in the land. Heavy rich green foliage, fine large white berry. Keeps well for 60 days after cutting. Can ship in quantities from a crate to car lot. Large size crate sent to any address by express on receipt of $1.00. Address

WILLIAM ANDERSON,
BROWNWOOD, TEXAS.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

BOSTON FERNS, 2½, 3, 4, 5, 6, 7, 8 and 10 inch.
PIERSONI, 2½, 5, 6 and 7 inch.
SCOTTII, 4, 5 and 6 inch.
PLUMOSUS, 2½, 3, 4 and 5 inch.
SPRENGERI, 2½, 3 and 4 inch.

A few nice Rex and Blooming Begonias.
Let us know your wants for Christmas in cut flowers, we shall have **Roses, Carnations, Paper White Narcissus and Roman Hyacinths.** Write

GEO. A. KUHL,

PEKIN, ILL.

Mention The Review when you write.

GREEN AND BRONZE
Galax Leaves

Fresh gathered, $3.00 for case of 5000.
Cash with order.

HALL & JONES COMPANY,
BLOWING ROCK, N. C.

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Established 1881.
C. S. FORD,

1417 COLUMBIA AVE., PHILADELPHIA, PA.
LETTERING and
NOVELTIES IN IMMORTELLES, etc.
Representing A. Herrmann. Siebrecht & Son, L. H. Foster, D. B. Long.
CORRESPONDENCE SOLICITED.

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Always mention the Florists' Review when writing advertisers.

MISTLETOE
for the Holidays

GIVE US YOUR INQUIRIES.

The Walker Seed Co.

OKLAHOMA CITY, OKLA.

Mention The Review when you write.

HOLLY—Well Berried.

50 lb. cases..... $3 00
2 or more cases..... per case, 2.50

WILD SMILAX.

50 lb. cases..... $3 00
30 lb. cases..... 1.50

LONG NEEDLE PINES.

Per doz..... $1.25
3 doz. lots, per doz..... 1.00

Low Express. Prompt Service.
Cash With Order.

SQUARE DEAL WILD SMILAX CO.
EVERGREEN, ALA.

Mention The Review when you write.

BOUQUET GREEN

Best quality at **lowest rates.** We gather our own **Greens** and bring by our own boat direct.
Also **Christmas Trees.**

Northern Michigan Evergreen Nursery,
SCHOONER GEO. L. WRENN, H. Schuenemann, Capt.
S. W. Cor. Clark St. Bridge. CHICAGO.

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TOBACCO STEMS

Strong and fresh, bales 200 to 500 lbs., 75 cents per 100 lbs.
U. Cutler Ryerson, 108 3d Ave., Newark, N. J.

Mention The Review when you write.

Fred Burki

JOHN MURCHIE,
SHARON, PA.

is the ideal Commercial White Carnation.

Its freedom of bloom coupled with its other meritorious qualities will commend it to the most conservative growers. You will make no mistake by growing **FRED BURKI.**

$12.00 per 100; $100.00 per 1000; 250 at 1000 rate.

S. S. SKIDELSKY,
824 No. 24th St., Philadelphia.

WRITE FOR DESCRIPTIVE CIRCULAR.

Mention The Review when you write.

OCEANIC, N. J.

The Monmouth County Horticultural Society held its regular meeting December 2. The nomination of officers took place, as follows: President, Geo. H. Hale; vice-president, A. G. Williams; secretary, H. A. Kettel; financial secretary, Geo. Kuhn; treasurer, W. W. Kennedy. Fred Anderson was elected to active membership. The discussion of the evening was "Rose Culture under Glass." There was a nice display of roses. N. Butterbach exhibited some Golden Gate which received 90 points. His Ivory received 85 and Mr. Hale's Morgan scored 85 and his Mrs. Oliver Ames 85 points. J. E. Haines, of Bethlehem, Pa., was awarded a certificate of merit for his red carnation seedling. The judges of the evening were W. W. Kennedy and A. G. Williams.

A committee was appointed to make arrangements for the annual dinner, which will take place on December 22, at Sheridan Hotel, Red Bank. Those on the committee are N. Butterbach. Geo. H. Hale, W. W. Kennedy and John Yeomans.

B.

WORLD'S FAIR ATTENDANCE.

The St. Louis World's Fair closed December 1 and as an indication of its value to all classes of exhibitors, including those in the department of floriculture, it may be stated that the attendance in the 187 days of its existence was 18,767,457. At the same time the attendance at Chicago in 179 days was 27,539,521, which shows what location will do, for the St. Louis show was larger and cost nearly twice as much as the Chicago exposition.

WE think the REVIEW our best publication.—W. J. MILLER & SON.

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.
CARNATIONS OUR SPECIALTY

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

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FIELD-GROWN
CARNATION PLANTS.

Send for my list of varieties and prices.

SOL GARLAND, Jr., Des Plaines, Ill.

Mention The Review when you write.

The King of all Carnations, the New Scarlet Seedling

ROBERT CRAIG (WARD)

Has been Awarded the following honors:

PRELIMINARY CERTIFICATE..American Carnation Society
SPECIAL DIPLOMA.....American Institute of New York
First-class Certificate of Merit.....Mass. Horticultural Society
" " " .....Penn. " "
" " " .....New York Florists' Club
Craig Cup for the best undisseminated seedling....Philadelphia
G. Hartman Kuhn Special Prize, for best undisseminated seedling....Philadelphia

The largest, strongest stemmed, most vigorous, healthiest growing, most fragrant, and the best FANCY COMMERCIAL SCARLET CARNATION produced to date. Ranks with Enchantress and Fiancee, having defeated the latter variety in all competitions at Philadelphia.

The Ideal Christmas Carnation.

AN ENORMOUS BLOOM.

Just the color of the Christmas Holly Berry. An easy doer; anybody can grow it. Having already entered orders for 100,000 cuttings for delivery season of 1906, we are still booking orders subject to buyer's cancellation if dissatisfied with variety at any time up to December 1, 1905.

PRICES: $2.50 per doz.; $12 per 100; $100 per 1000.
2500 lots at $95 per 1000; 5000 lots at $90 per 1000.
10000 lots or more at $80 per 1000. Send your orders early to

C. W. WARD, Originator, Cottage Gardens Company, Inc. Queens, N. Y.

Mention The Review when you write.

Palmer's
Red Lawson

NOW READY!

SPORT FROM THE FAMOUS
MRS. THOMAS LAWSON

Planted May 18th, in full crop middle of August

ROOTED CUTTINGS:
$10.00 per 100
$40.00 per 500
$75.00 per 1000

Ask your *Brother Florist* if he saw it at the Detroit Carnation Show. Ten to one he will say it's a good carnation to grow. **Received CERTIFICATE OF MERIT at Detroit Carnation Show—scoring 87 pts.**

W. J. Palmer & Son
Lancaster, N. Y.

Mention The Review when you write.

WM. DUCKHAM

Extra fine strong clumps, $1 per doz.
ALICE BYRON, $1 per doz.
CARNATIONS—Rooted Cuttings.

White Lawson	$6.00 per 100;	$50.00 per 1000
Flamingo	5 00 "	40.00 "
Enchantress	3.50 "	30.00 "
The Queen	3 00 "	25.00 "
Fair Maid	3 00 "	25.00 "

Larchmont Nurseries, Larchmont, N. Y.

Mention The Review when you write.

50,000 CANNAS!

Forty leading varieties, $10.00 per 1000 and upwards. Write for list and prices.

THE DINGEE & CONARD CO., West Grove, Pa.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Buckbee's Chrysanthemums Took the Leading Prizes at Flower Shows.

High Grade Stock Plants

25c Each; $2.50 Doz.	15c Each; $1.50 Doz.	10c Each; $1.00 Doz.
Mrs. H. W. Buckbee.	Alice Byron.	Mrs. E. Thirkell.
Percy Plumridge.	Convention Hall.	Mrs. T. W. Pockett.
Rockford.	C. J. Salter.	T. Carrington.
Dr. Enguehard.	W. R. Church.	Mrs. Barclay.
S. T. Wright.	Donald McLeod.	Lily Mountford.
Thos. Humphreys.	Harrison Dick.	La Fusion.
Ben. Wells.	Mrs. J. C. Neville.	Goldmine.
F. A. Cobbold.	Maynell.	H. W. Buckbee.
Wildred Ware.	Henry Second.	Columbia.
William Duckham.	Mrs. T. Longley.	Nellie Pockett.

Forest City Greenhouses. **H. W. BUCKBEE, ROCKFORD, ILL.** Rockford Seed Farms.

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Chrysanthemum Novelties

We are headquarters for the best new varieties. Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Mileham, Lady Cranston, A. J. Miller, Mrs. D V. West, etc., etc. Complete list now ready. Send for a copy.

CHARLES H. TOTTY, MADISON, N. J.

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SPECIAL SALE

CHRYSANTHEMUM STOCK PLANTS.

Australie, A. J. Balfour, Alice Byron, Minnie Bailey, Bentley, Chadwick, Convention Hall, Col. Powell, Lucy Deveau, Eaton, Yellow Eaton, Robt. Halliday, Marie Liger, Mrs. Coombes, Mrs. Emmerton, Mrs. Chamberlain, Mrs. Thirkell, Mrs. Pockett, Mrs. Tranter, Mme. Herrewege, Mme. Nicollaud, Mme. Paola Radaelli, Millicent Richardson, Mounier, Golden Wedding, R. E. Richardson. F. S. Vallis, Yanariva, **7o each.**

S. T. Wright, F. A. Cobbold, Mildred Ware, Mrs. Buckbee. Lily Mountford, Percy Plumridge, F. Molynenx, **15o each.**

Wm. Duckham. Leila Filkins. Ben Wells, Maynell, W. R. Church, Mrs. F. S. Vallis, **25o each.**

ASPARAGUS SPRENGERI

strong 2¼x3¾, $2.00 per 100.

Any number of plants at these figures but no order filled for less than $2.00.

W. A. CHALFANT, SPRINGFIELD, MO.

Mention The Review when you write.

CARNATIONS!

Well Rooted.... ....Now Ready.

	Per 100	Per 1000
WHITE LAWSON	$6.00	$50.00
MRS. M. A. PATTEN	6.00	50.00
FLAMINGO	6.00	50.00
ALBATROSS	6.00	50 00
NELSON FISHER	6.00	50.00
ENCHANTRESS	3.50	30.00
THE QUEEN	3.00	25.00
BOSTON MARKET	3 00	25.00
FAIR MAID	2.50	20.00
MRS. LAWSON	2.50	20.00

IMPERIAL GREENHOUSES, UTICA, N. Y.

Mention The Review when you write.

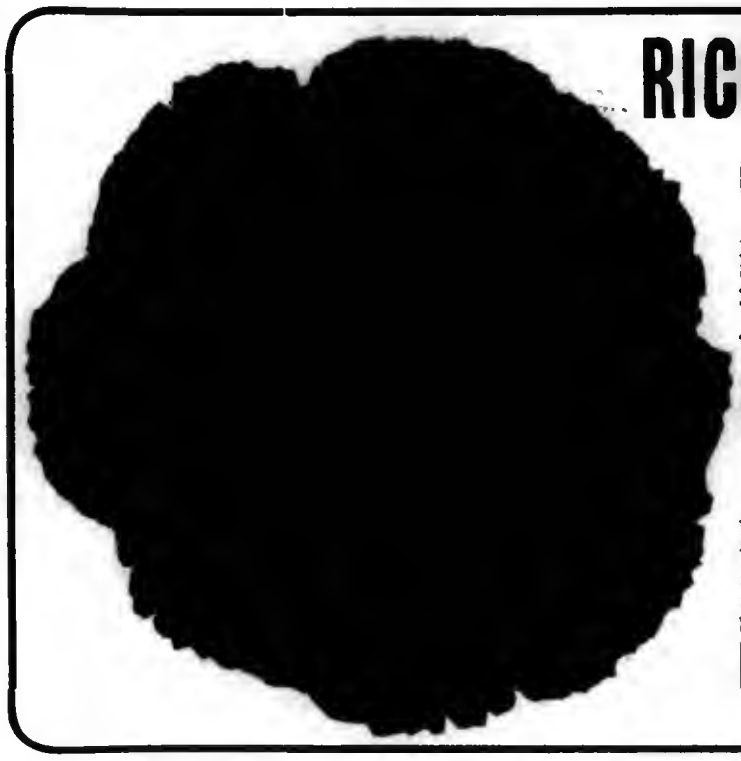
CARNATION CUTTINGS

FROM SELECTED STOCK.

	Per 100	Per 1000
NELSON FISHER	$7.00	$60.00
MRS. M. A. PATTEN	6,00	50 00
FLAMINGO	6 00	50.00
CRUSADER	6.00	50.00
D. WHITNEY	5.00	40.00
ENCHANTRESS	4.00	30.00
H. FENN	3.00	25.00
MANLEY	3.00	25.00
FAIR MAID	2.50	20 00
QUEEN	3.00	25.00

BACKER & CO., Billerica, Mass.

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RICHMOND GEM

THE FINEST COMMERCIAL SCARLET

Ever Introduced.

PLACE YOUR ORDERS EARLY.
SEND FOR CIRCULAR.
Per 100, $10; per 1000, $75.

WE MUST HAVE ROOM!

The following stock plants of

Mums For Sale

at a Bargain:

Wm. Duckham, Dr. Enguehard, A. J. Balfour, Alice Byron, white and yellow Golden Chadwick, Yellow Eaton, Appleton, Omega and Marion Newell, large clumps and in good health. Write for prices.

B. K. & B. FLORAL CO.
RICHMOND, IND.

Mention The Review when you write.

RED SPORT (Of Maceo.)

This new "Bread and Butter" commercial brilliant "Crane" Red Carnation, now in its fourth year, has the hardy constitution of General Maceo, with a stronger heavier growth, longer and stiffer stem and a larger flower. Growing under the same conditions and in the same house with Flamingo and Estelle it has produced four times as many blooms as the former and twice as many blooms as the latter. The color is as good as Estelle and the bloom brings as much as does Estelle at its best. Every flower is of a uniform brilliant red, perfectly double with an ideal calyx, in fact we never saw a split one.

Red Sport is perfectly healthy, an easy variety to grow, an early and continuous bloomer, throwing its heaviest cuts around the Christmas holidays and during the Winter months when red is in demand. **Red Sport** will keep longer and travel farther than any other red carnation, and will prove a bonanza to the grower who does a shipping business. If the scarcity of reds in the market that now exists continues **Red Sport** will pay better to the square foot of bench than any other variety of any color to date. Every florist who has seen **Red Sport** growing has placed an order for rooted cuttings, which tells the tale. All our stock is sold up to January 25th. Orders filled in strict rotation from that date on. Price, 12 for $1.50, 25 for $2.50, 50 for $4.00 all post paid. $6.00 per 100, $50.00 per 1000, by express. We guarantee all cuttings to be well rooted and to arrive in good condition.

A. B. DAVIS & SON, Carnation Specialists, PURCELLVILLE, VA.

Mention The Review when you write.

CHRYSANTHEMUMS

STOCK PLANTS NOW READY.
LARGE, STRONG AND HEALTHY.

Glory Pacific, Polly Rose, Willowbrook, Ivory, Pink Ivory, $1.00 per dozen; $6.00 per 100. **Monrovia, Robt. Halliday,** $1.00 per dozen; $7.00 per 100.

Engagements solicited for rooted carnation cuttings. Delivery January 1st and later.

H. WEBER & SONS, - OAKLAND, MD.

Mention The Review when you write.

No. 1 FIELD-GROWN

CARNATION PLANTS

Queen Louise	$4.00	per 100;	$35.00	per 1000
Enchantress	7.00	"	65.00	"
Norway	4.00	"	35.00	"
Prosperity	5.00	"	40.00	"

W. E. HALL, - CLYDE, OHIO.

Mention The Review when you write.

HEATING.

I have two houses, the one 17x48, the other 17x60, with side walls four feet high, double boarded and with building paper between. The houses are piped with four 1-inch pipes under each side bench. Can I use the present coils as feeders and put in 1½-inch pipes for returns to the boiler for use with hot water? How many such returns will it take to keep the houses at 60 degrees? Would one 2-inch pipe from the boiler be large enough for a feed pipe? The boiler is at the high end of the present 1-inch coils. I have a heater five feet long, shell three feet wide with fifty-two 2-inch flues. Would this heat these houses? W. E. T.

The four 1-inch pipes are not sufficient to maintain the desired temperature. The system can, however, be easily modified to meet the requirements. Run a 2-inch flow pipe under the ridge of each house from the boiler to the most distant end of the house and in the house 17x48, returning under the benches in fifteen runs of 1-inch pipe or twelve runs of 1¼-inch pipe, if steam is used, or eleven 2-inch pipes if hot water is used. The house 17x60, in addition to the 2-inch riser under the ridge, will also require fifteen runs of 1-inch pipe or twelve runs of 1¼-inch pipe with steam or eleven 2-inch pipes if hot water is used. The returns from each house, if steam is used, can be concentrated into one 1¼-inch pipe and returned to the boiler. A pipe of this size would, in fact, be ample to care for the condensation for the whole system but for convenience the 1¼-inch pipe can be used for each house. With hot water a 2-inch or 2½-inch return should be provided for each house. A 2-inch flow is amply large for houses of these dimensions on a steam system, but with hot water 2½-inch flows will be more satisfactory. The 1-inch or 1¼-inch pipe is specified for returns in the heating coils for steam because these sizes are more easily handled and installed than are the larger sizes. With hot water, however, no returns should be smaller than 1¼-inch and 2-inch is better. The friction in the small pipes retards the flow too much. L. C. C.

BOSTON BOWLERS.

Following are the scores made December 5:

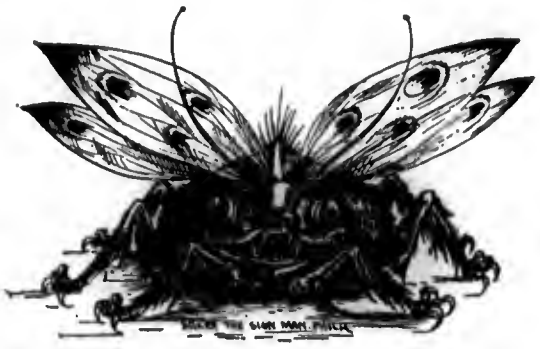
Farquhar & Co.	1st	2d	3d	T'l
Davy	83	76	77	236
Hardman	71	75	81	227
Porter	79	72	72	223
McDermott	91	66	74	231
Jenner	92	91	79	262
Totals	416	380	383	1179

Rawson & Co.	1st	2d	3d	T'l
Chenery	93	76	76	245
Taylor	62	81	72	215
Wanen	82	76	72	230
Clark	64	69	74	207
Perry	78	82	62	222
Totals	379	380	356	1119

COLORADO SPRINGS, COLO.—G. Fleischer has received word of the killing of a brother in Afghanistan.

INDIANAPOLIS, IND.—The Smith & Young Co. is having even better than the usual success with violets this season.

WASHINGTON, D. C.—There was the usual floral display at the opening of congress on Monday. All the retailers shared in the business.



A prosperous florist is like the bee, never idle.

HOLIDAY PLANTS NOW READY.

Importers and Headquarters for the Beautiful Plants.

Araucaria excelsa cheaper and better than anywhere else. Have the largest stock in Philadelphia. No seedlings, but raised from top cuttings in Belgium only. 5½-inch pots, 12 to 15 inches high, 3 to 4 tiers, 60 cents; 5½ to 6-inch pots, bushy plants, 4 to 5 tiers, 15 to 20 inches high, 75 cents; 6-inch pots, 20 to 25 inches high, 5 tiers, $1 each; 6-inch pots, specimen plants, as broad as long, $1.25 to $1.50 each.

Ficus elastica or rubber plants, home grown and imported. Have enough to meet all wants in excellent condition—better than ever—nicely staked up, 6-inch pots, 20 to 30 inches high, having from 16, 20, 25 to 30 perfect leaves to the plant, $4, $5 and $6 per dozen. Specimens 6 to 7-inch pots, 30 to 36 inches high, 75 cents to $1.00 each.

Azalea indica in full bloom or bud, ready now for Xmas or New Years, unusually nice for this year. Strong plants of Deutsche Perle, pure double white. Simon Mardner, double deep pink. Vervaeneana large double rose pink. Only selected plants full of buds are raised for Christmas forcing. Price 75 cents, $1, $1.25 to $1.50 each.

Kentia Forsteriana, made up, 6-inch pots, 3 of the same size in a pot, 36 to 40 inches high, $1.25 each.

Kentia Forsteriana, made up, 5½-in., 3 of the same size in a pot, 36 inches high, $1.00.

Kentia Forsteriana, made up, 5½-in., 3 of the same size in a pot, 30 inches high, 75c.

Latania borbonica, healthy stock, 5 to 6 leaves, 50 cents.

Boston ferns, 6-inch, 2 feet high, 18, 20 to 25 fronds, 40 to 50 cents; 5 and 5½-inch pots, 25, 30 and 35 cents; large 3-inch, 15 cents; 8 to 9 inches, as big as a wash tub, $1.25 to $1.50 each.

Areca lutescens, made-up plants, large, 5-inch pots, 3 in a pot, 30 cents; 5½-inch pots, 50 cents; 6-inch pots, 30 inches high, 3 in a pot, 75 cents.

Asparagus plumosus nanus, 3-inch, strong, $6.00 per 100; 4-inch pots, bushy, at the rate of $10.00 per 100.

Cocos Weddeliana, large, 3-inch, 15 cents.

Ferns, all kinds for dishes, $5.00 per 100; 3-inch, $7.00.

Holly ferns, 3-inch, 10 cents.

Primula Chinensis, never so nice as this time; 5¼-inch pots, in bud and bloom, $2.00 per dozen.

Solanum Jerusalem cherries, 6-inch pots, full of berries, $2.50 to $3.00 per dozen.

Begonias, 5½-inch, President Carnot, Metallica, and others, $2.00 per dozen.

Dracaena Bruanti, 6-inch pots, 25 inches high, leaves from top to bottom, 50 cents.

Phoenix canariensis, 4 feet high, 4 feet wide, 15 perfect leaves, good for decoration, $2.00 each, worth $5.00.

Chrysanthemum stock plants. Timothy Eaton, Pennsylvania and Col. Appleton, $5.00 per 100.

Cash with order, please. All goods shipped at purchaser's risk.

GODFREY ASCHMANN, Wholesale Grower and Importer of Pot Plants.
Bell Phone Tioga 3669A.
1012 Ontario Street, PHILADELPHIA, PA.

Mention The Review when you write.

CHRYSANTHEMUMS!

Our Set for 1905 Consists of

Brighthurst, Okolona, Kinkora Fidelity and Pink Queen

All varieties that will be heard from in the future. Look up past records of our introductions. They are not **ALL**, but persistently forge to the front and compare favorably with **THE BEST** and often **LEAD**, as Midge, Monrovia, Omega, Opah, Merza, Modesto, Convention Hall, Gold Mine, Intensity, Lavender Queen, White Bonnaffon, Yanoma, etc., etc. We can supply

ALL THE LEADING FOREIGN NOVELTIES

Such as: MRS. WM. DUCKHAM, MERSTHAM YELLOW, VALERIE GREENHAM, J. H. DOYLE, MRS. H. A ALLEN, MLLE. ANNE DEBONO, PREFET BONCOURT, JEANNIE NONIN, etc., at introducer's price and date of delivery. **Send for Illustrated Novelty List.** Catalogue for 1905 ready early in January.

Nathan Smith & Son, Adrain, Mich.

Mention The Review when you write.

WE ARE much pleased with the Florists' Manual, and could not get along without the FLORISTS' REVIEW. Enclosed find another dollar.—WM. RHODES & SON, Leechburg, Pa.

I WOULD not think of doing without the REVIEW. It is both practical and interesting and using its advertisements has been very satisfactory.—M. MAGRUDER.

BOSTON AND PIERSON FERNS.

We have about ten thousand feet of glass devoted to these and are crowded for room. To move our surplus we will give you extra value. Send for a sample lot. They are in from 6 to 10-inch pots and we will sell them at $6.00, $8.00, $9.00, $12.00, $15.00 and $18.00 per dozen.

FARFUGIUM GRANDE.

Our stock is finely variegated and in tip top shape. Price, 4-inch pots very bushy, $15.00 per 100; 5-inch pots extra fine; $20.00 per 100.

BOSTON AND PIERSON FERNS.

We can supply rooted runners of these two valuable ferns at $2.00 per 100; $17.50 per 1000, as long as stock lasts. Order at once.

We Want stock plants of **Chrysanthemums Bonnie Dundee and Old Homestead.**

If you half a dozen or more to offer, let us know price. We will sue for damages if they are not true to label.

Special. Watch this list every week. We will offer the surplus from one house each week, at prices which ought to sell it. It will be offered only once. Something else next week. Price subject to stock being unsold. All first-class, in good condition, unless otherwise noted. Terms, "Prompt Cash."

Address MICHEL PLANT and BULB CO., St. Louis, Mo.

Mention The Review when you write.

BEGONIA GLOIRE DE LORRAINE

To Close Out Balance of Stock.

2½-inch, $1.00 per doz.; 3-inch, $1.50 per doz.; 5-inch, $6.00 per doz.; 6-inch, $9.00 per doz. All in bloom.

A. JABLONSKY, WELLSTON, ST. LOUIS, MO.

Mention The Review when you write.

PALMS

JULIUS ROEHRS, Rutherford, New Jersey.

Mention The Review when you write.

NEPHROLEPIS SCOTTII

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time. Prices—6-in. pot-grown, ready for 8-in., $15 00 per doz.; 7-in. pot-grown, $24.00 per doz.; 8-in. pot-grown, $36.00 per doz.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

Mention The Review when you write.

PELARGONIUMS

Rooted cuttings, 15 varieties, $2.25 per 100.

Orders booked for the following: Verbenas, Petunias, Salvias, Ageratums, Daisies, Heliotrope, Feverfew, Coleus. All R. C. Express prepaid.

Write S. D. BRANT

The Clay Center Florist, **Clay Center, Kan.**

Mention The Review when you write.

RESULTS! RESULTS! RESULTS!

Middletown, Conn.

Kindly send me 100 lbs. Fumigating Kind; the last I had gave me better results than any form of tobacco I ever used. See page 162.

H. C. BEEBE.

Mention The Review when you write.

Write Geo. A. Kuhl PEKIN, ILL.

For Price List of Rooted Cuttings and 2x2½-in. Roses in following varieties:

Brides, Maids, Golden Gate, Ivory, Meteors, Souv. de Wootton, Kaiserin Aug. Vic., Perle des Jardins, Belle Siebrecht, LaFrance, President Carnot Gen. MacArthur, La Detroit, Am. Beauties.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

ASPARAGUS PLUMOSUS NANUS!

Strong, 2¼-inch.....per 100, $2.00 per 1000, $15.00
Strong, 3-inch.....per 100, 3.00 per 1000, 22.00

50,000 New Crop ASPARAGUS PLUMOSUS NANUS SEED

$5.00 per 1000 Seeds; $20.00 per 5000 Seeds. Send for sample free.

Express Prepaid at Above Prices. CASH.

MITTING & LINFOOT

317 N. Vermilion, DANVILLE, ILL.

Mention The Review when you write.

Chrysanthemum Stock Plants.

White Fitzwygram, Opah, Willowbrook, 5c each. Monrovia, Omega, Robinson, Halliday, Jerome Jones, Yellow Jones, Appleton, Bonnaffon, Timothy Eaton, Yellow Eaton, Marion Newell, 8c each. Marie Liger, Mlle. Douillet, Viviand-Morel, Fee du Champsaur, Golden Wedding, White Bonnaffon White Maud Dean, Mrs. Chamberlain, Silver Queen, Tancred Bastet, Lily Mountford, C. J. Salter, Mrs. Coombes, Nellie Pockett, Mrs. T. W. Pockett, 15c each. Diederich, Globosa Alba, Ethelyn, Harry Plumridge, Leila Filkins, Ben Wells 25c each.

Also Wm. Duckham.

FERNS—Boston Ferns, 2½-in., $5.00 per 100; 3-in., 8c; 4-in., 15c; 5-in, 25c; 6-in, 50c; 7-in, $1.00, 8-in, $1.25.

Piersoni—2½-in. 8c. Cash or C. O. D.

W. J. & M. S. VESEY, FORT WAYNE, IND.

Mention The Review when you write.

RUDBECKIA	Per 100
Extra choice, large clumps	$5.00
ASPARAGUS SPRENGERI, Extra quality, 2½-in. pots	2.00
SPARAGUS PLUMOSUS, Extra quality, 2¼-in. pots	2.50
ASPARAGUS PLUMOSUS, Extra quality, 3-in. pots	4.00

Above prices cash with order.

JOHN BROD, Niles Center, Illinois

Mention The Review when you write.

Boston Ferns

Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots at 25c, 50c, 75c, $1.00 per 100.

KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS

Cash or reference please.

L. H. Foster, 45 King St. **Dorchester, Mass.**

VIOLETS MARIE LOUISE,

Clean and healthy in every particular, $5.00 per 100; $45.00 per 1000. Cash with order.

W. J. CHINNICK, TRENTON, N. J.

Mention The Review when you write.

50,000 ROOTED CUTTINGS

Geraniums—The "Six Kings" for bedding, S. A. Nutt, (D. crimson), Paul Bruant, (D. scarlet), J. Viaud (D. pink), Beaute Poitevine, (Dbl. salmon), Mrs. E. G. Hill, (Single salmon), Mme. Buchner, (D. white). Large top cuttings, well rooted, $1.50 per 100; $14.00 per 1000.

Petunias—Double Fringed. We are headquarters for these. Six distinct novelties, labeled, $1.25 per 100; $10.00 per 1000.

Salvias—The two best. Drooping Beauty, (dwarf), Bonfire, (tall), 75c per 100; $7.00 per 1000.

Asparagus Plumosus Nanus—Plants from 3-inch pots, $3.00 per 100.

Carnations—Don't buy until you see our list.

The W. T. Buckley Co.

SPRINGFIELD, ILL.

Mention The Review when you write.

LATANIA PALMS.

6-in., 2 and 3 plants to pot ..... $ 9.00 per doz.
7-in., 1 plant to pot, 7 to 9 leaves.. 12.00 per doz.
8-in., 1 plant to pot, 7 to 10 leaves, 2½ to 3½ feet in height and diameter ..... 18.00 per doz.

.....ARECAS.....

4-in., 2 and 3 plants to pot, standing 2 ft.. $4.00 doz
6-in., 2 and 3 plants to pot, standing 3 ft., 9.00 doz

J. W. COLFLESH,
53rd St. and Woodland Ave., PHILADELPHIA.

Mention The Review when you write.

ORCHIDS

We are now booking orders for **Cattleya Labiata** and **Cattleya Trianae** for spring delivery. We can make you advantageous prices if you place your order now. Write us for particulars. **Best live Sphagnum Moss and Orchid peat always on hand.**

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ADIANTUMS.

Adiantum hybridum, Ley's maidenhair. Grows fronds 2 to 3 ft. long by 18 in. wide. 12 strong, 2-in. pot plants, postpaid, $1.25; 25 strong, 2-in. pot plans, postpaid, $2.00; 100 strong, 2-in. pot plants, express paid, $7.50.
A. Ley & Bro., North Langdon, D. C.

AGERATUMS.

Ageratums, Stella Gurney and dwarf white, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

ALTERNANTHERAS.

Alternantheras, red and yellow, in variety, 2¼-in., $2.00 100, $15.00 1000; rooted cuttings, 60c 100, $5.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternanthera brilliantissima, the finest red out, 75c doz.; by mail, $1.00. Cash, please.
A. J. Baldwin, Newark, O.

ALYSSUM.

Alyasum, dwarf and giant double, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

Alyssum, double giant, fine 2-in., 2c, cash. See pansies. Byer Floral Co., Shippensburg, Pa.

ARAUCARIAS.

Araucaria excelsa. Largest stock in Phila. No seedlings, all were grown in Belgium from top cuttings. 5½-in. pots, 12 to 15 inches high, 3 to 4 tiers, 60c; 5½ to 6-in. pots, bushy plants, 4 to 5 tiers, 15 to 20 inches high, 75c; 6-in. pots, 20 to 25 inches high, 5 tiers, $1.00 each; 6-in. pots, specimen plants, as broad as long, $1.25 to $1.50 each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

ASPARAGUS.

50,000 Asparagus plumosus nanus, strong plants from bench, $8.00 per 1000; from 2½-in. pots, $16.00 per 1000, cash. Prepaid.
S. B. Ritter, Port Royal, S. C.

Asparagus plumosus, 2¼-in., $2.50; 3-in., $4.00. Sprengeri, 2¼-in., $2.00; 3-in., $3.00. Fine and pot-bound ready to shift.
S. M. Harbison, Danville, Ky.

Asparagus plumosus nanus, fine bushy stock from 2½-in. pots, $3.00; from 3-in. pots, $5.00; from 3½-in. pots, $8.00 per 100.
Paul Mader, East Stroudsburg, Pa.

Asparagus plumosus nanus, 2 years old, from 4-inch, extra strong pot bound, $10.00 100; 3-inch, $6.00 100. Cash, please.
John R. Shreiner, Lancaster, Pa.

Asparagus plumosus nanus, strong 2¼-in., $2.00 100; $15.00 1000; 3-in., $3.00 100; $22.00 1000. Express prepaid. Cash.
Mitting & Linfoot, Danville, Ill.

Asparagus Sprengeri, extra quality, 2½-in., $2.00 100. A. plumosus, extra quality, 2¼-in., $2.50 100; 3-in., $4.00.
John Brod, Niles Center, Ill.

Asparagus plumosus nanus, true, extra value, 2¼-inch, $3.00 100; $25.00 per 1000; 3-inch, $5.00 100. Cash.
W. A. Wettlin, Hornellsville, N. Y.

Asparagus plumosus nanus, 3-in., strong, $6.00 100; 4-in. pots, bushy, at the rate of $10.00 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus, 3-in., $6.00 per 100; Sprengeri, 3-in., $4.00 per 100.
Henry Fischer, 1st Toll Gate, Belair Ave., Baltimore, Md.

A. plumosus nanus, strong, 2-in., 2½c; $22.50 per 1000; 3-in., 5c. Sprengeri, 2-in., 2c. Cash.
Byer Bros., Chambersburg, Pa.

Asparagus comorensis, large plants in 4-inch pots, already climbing, $10.00 per 100. Cash.
Tong & Weeks, Ashtabula, Ohio.

Asparagus Sprengeri, strong 2¼x3¼, $2.00 100. No order for less than $2.00.
W. A. Chalfant, Springfield, Mo.

Asparagus plumosus nanus, fine plants, 3-in., $3.00 100; 4-in., $7.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus nanus, strong, 2-in., $2.00 per 100; $15.00 per 1000.
White's Conservatory, Sandusky, Ohio.

Asparagus plumosus nanus, 2¼-in. pots, $2.00 100, $15.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus, 2½-in. pots, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

10,000 Asparagus plumosus, 3-in., $3.00 100. Cash. Lewis Ullrich, Tiffin, Ohio.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus nanus, 3-in., $3.00 100.
W. T. Buckley Co., Springfield, Ill.

Plumosus, fine, strong 3-in., $5.00 100.
C. Winterich, Defiance, Ohio.

Asparagus Sprengeri, 2-in., 2c; 2½-in., 3c.
W. W. Coles, Kokomo, Ind.

Asparagus Sprengeri, 3-in. pots, $4.00 100.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Asparagus plumosus, 2½-in., $3.00 100.
Davis Bros., Geneva, Ill.

ASPIDISTRAS.

Aspidistra lurida, 6 to 10-in. plants, 4c per leaf. Wm. Clark, Colorado Springs, Colo.

The CHEAPEST way, the EASIEST way, and the BEST WAY to get rid of that surplus stock is to use the REVIEW'S classified advs.

AZALEAS.

Azalea indica for Christmas blooming. Deutsche Perle, pure double white; Simon Mardner, double deep pink. Vervaeneana, large double rose pink. Selected plants full of buds, 75c, $1.00, $1.25 to $1.50 ea.
Godfrey Aschmann, 1012 Ontario St., Phila.

BANANAS.

Bananas, dormant plants, well cured, 3 ft., $1.50 doz.; 4 ft., $2.50 doz.; 5 ft., $4.00 doz.; 6 ft., $7.00 doz.; 7 ft., $10.00 doz. What have you to exchange?
W. L. McCart, Fort Worth, Texas.

BEDDING PLANTS.

Ludwig Mosbaek, Onarga, Ill. Alternantheras, red and yellow, August R. C., strong, $5.00 per 1000; by mail, 60 cents per 100. Alyssum, double, sweet, 2-inch, $2.00; R. C., $1.00 per 100. Asparagus plumosus nanus, strong, 4-inch, $8.00 per 100. 10,000 geraniums, Nutt and 20 other varieties, 2½-inch, $20.00 per 1000. Petunia, double fringed, pure white, 2½-inch, $2.50; R. C. mailed, $1.25 per 100. 500,000 Pansy plants, Florists' International, strong transplanted, $5.00 per 1000; extra strong, bushy, $10.00 per 1000; Giant flowering variety, mixed and separate colors, strong, transplanted, $3.00 per 1000. Vinca variegata, from 3-inch pots, $4.00; R. C. mailed, $1.00 per 100. Salvia in four named varieties, 2-inch, $2.00 per 100. Daisies, forget-me-nots, sweet williams, $3.00 per 1000.

Geraniums, ivy geraniums, fuchsias, dbl. petunias, heliotropes, etc., $6.00 1000. Express prepaid on all orders received on or before December 15, 1904.
California Product Co., 55 Ellis St., San Francisco, Cal.

BEGONIAS.

Tuberous rooted begonias, single, sep. colors, $3.00 100, $27.50 1000; finest mixed, $2.75 100, $25.00 1000. Double, in 5 separate colors, $4.00 100; $37.50 1000; finest mixed, $3.75 100; $35.00 1000. N. Le Page, Mt. Vernon, N. Y.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, 2½-in., $1.00 doz.; 3-in., $1.50 doz.; 5-in., $6.00 doz.; 6-in., $9.00 doz. All in bloom.
A. Jablonsky, Wellston, St. Louis, Mo.

Begonias Argenteo-guttata, speculata, rubra and several other good varieties, 40c per doz., $2.50 per 100. Harmon & Henderson, Iola, Kan.

Begonias, Pres. Carnot, metalica, and others, 5½-in., $2.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

BERRIED PLANTS.

Christmas peppers, full of fruit, 4 and 5-in., $5.00 and $7.00 per 100. Jerusalem cherries, 5-in., 6-in., and 7-in., very fine, $1.00 to $2.50 per doz. J. C. Schmidt Co., Bristol, Pa.

Christmas peppers from 4-in. pots, full of berries; special price to close out, 60c per doz.
W. P. Ranson, Junction City, Kans.

Jerusalem cherries, full of berries, 6-in. pots, $2.50 to $3.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

BULBS.

Lilium longiflorum, Japan stock, just right for Easter. Dormant, extra plump, fine stock of Lilium longiflorum multiflorum, 6-8, $3.00 per 100, $10.00 per case of 335; 7-9, $4.50 per 100, $10.00 per case of 235; Lilium longiflorum giganteum, 7-9, $5.00 per 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

Tulips La Reine, La Candeur, Chrysolora, Yellow Prince and Keizerskroon. Double-nose Von Sion, 1st size Von Sion, Paper White narcissus grand., 13 cms. up. Amarylils and spiraea bulbs. Write for prices.
D. Rusconi, 32 W. 6th St., Cincinnati, O.

CLEARANCE SALE OF BULBS.
HIGHEST QUALITY.
UNUSUAL VALUES.
See our display adv. for varieties and prices.
JOHNSON & STOKES, 217-219 Market St., Philadelphia, Pa.

If you want fine Mexican bulbs, see adv. under the heading of Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

We are the largest growers of FREESIA bulbs in the United States. Write us.
Rees & Compere, Long Beach, Cal.

Chinese Sacred lilies, Japan-grown callas on hand now. Prices on application.
Suzuki & Iida, 31 Barclay St., N. Y.

Lilium auratum and speciosum, all sorts. Write
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Calla bulbs, dahlias and cannas. Write us.
California Product Co., 55 Ellis St., San Francisco, Cal.

Surplus bulbs at low prices to close out. Write W. C. Beckert, Allegheny, Pa.

Narcissus Emperor and Empress, $2.25 100.
The B. L. Bragg Co., Springfield, Mass.

Japan lilies now ready.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

CACTI.

If you want fine CACTI see adv. under heading Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

CALLAS.

Calla bulblets, or offsetts, 40c per 100, or 300 for $1.00 cash. Should be set in the bench soon. Mrs. M. E. Patterson, Glendale, Cal.

CAMELLIAS.

Camellia plants in sorts; best German grower; spring delivery. Address A. Rolker & Sons, New York, 31 Barclay St., or P. O. Box 752.

The Florists' Manual, by William Scott, is a whole Library on Commercial Floriculture. Send in your order now.
Florists' Pub. Co., Chicago.

CANNAS.

We have about 300 clumps of the old-fashioned tall-growing canna, extra large clumps, just as they were dug; each clump will make five divisions, 50c per doz., $3.50 per 100.
Wm. Scott Co., Corfu, N. Y.

Cannas, 40 leading varieties, $10.00 1000 and upwards. Write for list and prices.
Dingee & Conard Co., West Grove, Pa.

CARNATIONS.

RED SPORT, the new bread and butter, commercial red carnation, now in its fourth year, has the hardy constitution of Gen. Maceo, with a stronger, heavier growth, longer and stiffer stem and a larger flower. It will keep longer and travel farther than any other red carnation. All our stock is sold up to Jan. 25. Orders filled in strict rotation from that date on. 12 for $1.50, 25 for $2.50, 50 for $4.00, all postpaid; $6.00 per 100, $50.00 per 1000, by express. We guarantee all cuttings to be well rooted and to arrive in good condition.
A. B. DAVIS & SON, Purcellville, Va.

Our specialty, in carnations, is UNROOTED CUTTINGS. We have the best varieties for business. Fair Maid, Mrs. Thos. W. Lawson, Boston Market, Queen, $10.00 per 1000; 250 or more at 1000 rate. Careful packing and prompt shipment. Cash, please.
STEPHEN CHASE, Nashua, N. H.

Rooted carnation cuttings. Now ready.

White	100	1000	5000
Queen Louise	$1.00	$10.00	$45.00
Flora Hill	1.00	10.00	45.00
Alba	1.40	12.50	60.00
Wolcott	1.00	10.00	45.00
Norway	1.00	10.00	45.00
White Cloud	1.00	10.00	45.00
Pink			
Lawson	1.20	12.50	60.00
Marquis	1.00	10.00	45.00
Enchantress	3.50	30.00	
Genevieve Lord	1.00	10.00	45.00
Mrs. Joost	1.00	10.00	45.00
Success	1.00	10.00	45.00
Mermaid	1.00	10.00	45.00
Cressbrook	1.00	10.00	45.00
McKinley	1.40	12.50	60.00
Scarlet			
Crane	1.00	10.00	45.00
America	1.00	10.00	45.00
P. Palmer	1.00	10.00	45.00
Estelle	1.40	12.50	60.00
Crimson			
Harlowarden	1.40	12.50	60.00
Gen. Gomez	1.00	10.00	45.00
Yellow			
Golden Beauty	1.40	12.50	60.00
Eldorado	1.00	10.00	45.00
Variegated			
Prosperity, fancy	1.40	12.50	60.00
Violania	5.50	50.00	
Marshall Field	1.40	12.50	60.00
Stella	1.40	12.50	60.00
Armazindy	1.00	10.00	45.00
Viola Allen	1.20	11.00	50.00

25 at 100 or 1000 rate. 2500 at 5000 rate. Express prepaid. Cash or C. O. D. with privilege of examining at express office.
California Carnation Co., Loomis, Cal.

Carnation rooted cuttings.

White	100	1000	Scarlet	100	1000
Q. Louise	$1.00	$10.00	Crane	$1.00	$10.00
F. Hill	1.00	10.00	America	1.00	10.00
Alba	1.40	12.50	P. Palmer	1.00	10.00
Wolcott	1.00	10.00	Estelle	1.40	12.50
Norway	1.00	10.00	Manley	1.50	15.00
L. Pond	1.40	12.50	Apollo	1.50	15.00
Chicot	1.20	10.00	Yellow		
Pink			G. Beauty	1.40	12.50
Lawson	1.40	12.50	Eldorado	1.00	10.00
Enchantress	3.50	30.00	Variegated		
Joost	1.00	10.00	Prosperity	1.40	12.50
Success	1.00	10.00	M. Field	1.40	12.50
Mermaid	1.00	10.00	Stella	1.40	12.50
Cressbrook	1.00	10.00	Armazindy	1.00	10.00
McKinley	1.40	12.50	V. Allen	1.20	11.00
Mrs. R'sev't	1.40	12.50	Gaiety	1.20	11.00

Crimson—Harlowarden, $1.40 100; $12.50 1000. G. Roosevelt, $1.20 100; $10.00 1000. Special prices on large lots. Unrooted pips at half price. 25 at 100 rate; 250 at 1000 rate. Express prepaid. Cash or C. O. D. with privilege of examining.
Loomis Floral Co., Loomis, Cal.

Rooted carnation cuttings now ready.

White	100	1000	Scarlet	100	1000
Q. Louise	$1.00	$10.00	Crane	$1.00	$10.00
F. Hill	1.00	10.00	America	1.00	10.00
Gov. Wolc't	1.00	10.00	Estelle	1.40	12.50
Alba	2.00	15.00	Crimson		
W. Cloud	1.00	10.00	Harlow'den	1.40	12.50
Pink			Yellow		
Lawson	1.20	12.50	Eldorado	1.00	10.00
Marquis	1.00	10.00	G. Beauty	1.40	12.50
Enchantress	3.50	30.00	Variegated		
Joost	1.00	10.00	Prosperity	1.40	12.50
McKinley	1.40	12.50	M. Field	1.40	12.50
Mermaid	1.00	10.00	Armazindy	1.00	10.00
Cressbrook	1.00	10.00	V. Allen	1.20	11.00

Unrooted cuttings at one-half price of rooted cuttings. Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.
Loomis Carnation Co., L. B. 115, Loomis, Cal.

ROOTED CARNATION CUTTINGS.
JANUARY DELIVERY.
All orders filled in rotation.

	100		100
Mrs. Patten, var.	$6.00	Queen, white	$3.00
White Lawson	6.00	B. Market, white	3.00
Albatross, white	6.00	Queen Louise	2.00
Flamingo, scarlet	6.00	Lawson	2.00
Enchantress	3.50	Manley, scarlet	2.00
Challenger	2.00		

Write for prices on large lots; 5 per cent discount for cash with order.
James D. Cockcroft, Northport, L. I., N. Y.

Carnation rooted cuttings.

	100	1000		100	1000
Q. Louise	$1.20	$10.00	Armazindy	$1.00	$10.00
Alba	1.40	12.50	Mrs. Joost	1.20	10.00
America	1.00	10.00	Lawson	1.40	12.50
Mrs. Palmer	1.20	10.00	McKinley	1.40	12.50
Crane	1.20	10.00	Success	1.20	10.00
Eldorado	1.20	10.00	Harlow'den	1.40	12.50
M. Field	1.40	12.50	G. Roosevelt	1.40	12.50

Cash or C. O. D. with privilege of examining. Express prepaid. Unrooted cuttings one-half price. Hermitage Carnation Co., Loomis, Cal.

Carnations, well-rooted, ready now.

	100	1000		100	1000
W. Lawson	$6.00	$50.00	Enchantr'ss	$3.50	$30.00
Mrs. Patten	6.00	50.00	The Queen	3.00	25.00
Flamingo	6.00	50.00	B. Market	3.00	25.00
Albatross	6.00	50.00	Fair Maid	2.50	20.00
N. Fisher	6.00	50.00	Mrs. Lawson	2.50	20.00

Imperial Greenhouses, Utica, N. Y.

Unrooted carnation cuttings, Lawson and Boston Market, $1.00; Enchantress, $2.00 per 100.
E. V. Myers, Florist, St. Joseph, Mo.

Rooted carnations, now ready.

	100	1000		100	1000
Ench'tress	$3.50	$27.50	Flamingo	$5.00	$40.00
Manley	3.00	25.00	B'ton Mkt.	3.00	25.00
H. Fenn	2.50	20.00	Fair Maid	2.50	20.00
Wolcott	2.50	20.00	Lawson	2.50	20.00

Mrs. M. A. Patten, $5.00 100; $40.00 1000.
Henry A. Stevens Co., East St., Dedham, Mass.

Carnation cuttings from selected stock.

	100	1000		100	1000
Nelson Fisher	$7.00	$60	Enchantress	$4.00	$30
Mrs. Patten	6.00	50	H. Fenn	3.00	25
Flamingo	6.00	50	Manley	3.00	25
Crusader	6.00	50	Fair Maid	2.50	20
D. Whitney	5.00	40	Queen	3.00	25

Backer & Co., Billerica, Mass.

Surplus stock of fine carnations, such as Joost, Floriana, Dorothy, Glacier, Flora Hill, Queen Louise, Lillian Pond, Roosevelt, at $5.00 per 100, or will exchange for Princess of Wales violets.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Place your order now for the new carnation FRED BURKI. Will be disseminated in 1905. Price: $12.00 100, $100.00 1000; 250 at 1000 rate. Address S. S. Skidelsky, 824 No. 24th St., Philadelphia. Or,
John Murchie, Sharon, Pa.

The new scarlet seedling ROBERT CRAIG, the ideal Christmas carnation. Prices: $2.50 doz., $12.00 100, $100.00 1000. 2500 lots, $95.00 1000; 5000 lots, $90.00 1000; 10,000 lots or more, $80.00 1000. Send orders early to
Cottage Gardens Co., Inc., Queens, N. Y.

Field-grown carnation plants. Strictly first-class stock.

	100	1000		100	1000
Q. Louise	$4.00	$35	Norway	$4.00	$35
Enchantress	7.00	65	Prosperity	5.00	40

Send me your order. You will not regret it.
W. E. Hall, Clyde, O.

Rooted carnation cuttings.

	100	1000		100	1000
W. Lawson	$6.00	$50	The Queen	$3.00	$25
Flamingo	5.00	40	Fair Maid	3.00	25
Enchantress	3.50	30			

Larchmont Nurseries, Larchmont, N. Y.

The best big-flowered, general purpose scarlet carnation now before the trade is CARDINAL. We also have Fiancee and Fred Burki. All three at $12.00 per 100, $100.00 1000. Send for our November trade list.
E. G. HILL CO., Richmond, Ind.

Carnation plants from field, planted in 4-in. pots; will give an abundance of flowers at once. Lawson, Wolcott, Queen Louise, Flora Hill at $6.00 per 100. Just the thing for selling as pot plants. C. Winterich, Defiance, Ohio.

Orders taken for strong, healthy rooted cuttings. Price per 1000, Enchantress, $30.00; Prosperity and Nelson, $25.00; Lawson, Estelle and Wolcott, $20.00; Q. Louise and H. Maid, $15.00. Henry Baer, R. F. D. 3, Peoria, Ill.

PALMER'S RED LAWSON, sport from the famous Mrs. Thos. Lawson. Planted May 18, in full crop middle of August. Rooted cuttings, $10.00 100; $40.00 500; $75.00 1000.
W. J. Palmer & Son, Lancaster, N. Y.

Carnations, extra fine.

Fred Burki	$12.00 100, $100.00 1000
Cardinal	12.00 100, 100.00 1000
Fiancee	12.00 100, 100.00 1000

S. S. Pennock, 1612 Ludlow St., Phila., Pa.

Field-grown carnation plants, strong and bushy, 1500 Lillian Pond, 300 Flora Hill, 75 Morning Glory, 150 Glacier.
Evenden Bros., Williamsport, Pa.

Carnation WM. PENN, a new pink well worth a trial by every grower of carnations. Send for descriptive list now.
Albert M. Herr, Lancaster, Pa.

Carnation rooted cuttings.

White Lawson	$6.00 100, $50.00 1000
Flamingo	6.00 100, 50.00 1000

John Breitmeyer's Sons, Detroit, Mich.

Rooted cuttings, 30 varieties. Prices reasonable. Write
California Product Co., 55 Ellis St., San Francisco, Cal.

Gibson Beauty and White Swan carnations. Write Geo. A. Kuhl, Pekin, Ill.

Field-grown carnation plants. Let me quote you prices. Sol Garland, Jr., Des Plaines, Ill.

Rooted cuttings of carnations. Send for prices. H. W. Field, Northampton, Mass.

Carnations, field-grown; white and pink, $4.00 100. Converse Greenhouse, Webster, Mass.

Carnations. Novelties and standards. Write F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

Chrysanthemum stock plants from benches. Eaton, Chadwick, Appleton, $1.50 doz. Alice Byron, Mrs. Jerome Jones, Yanoma, Yanariva, Superba, Golden Wedding, Gold Mine, Clara Goodman, Major Bonnaffon, W. H. Lincoln. Opah, $1.00 doz. Cash with order, or satisfactory references. J. J. Arnold, Homer, N. Y.

Standard stock mums, white and yellow, 4c. Cash with order. W. H. Jones, Lorain, Ohio.

Chrysanthemum stock plants, all the best new things and the best of the standard sorts.

Willowbrook, W. H. Chadwick, Maud Dean, Mrs. Perrin, Pacific, Hero of Mafeking, Lady Harriott, Mrs. Robinson, Mrs. O. P. Bassett, Mrs. Jerome Jones, Maj. Bonnaffon, Opah, Omega, Pink Ivory, Polly Rose, $5.00 per 100.

Lord Salisbury, Mrs. T. W. Pockett, Mrs. Coombes, Mabel Morgan, Marie Liger, Nellie Pockett, Alice Byron, Mrs. F. S. Vallis, S. T. Wright, Col. Appleton, F. S. Vallis, Golden Beauty, Golden Wedding, Timothy Eaton, V. Morel, White Bonnaffon, Percy Plumridge, Jennie Falconer, $10.00 per 100.

Durban's Pride, Mrs. Thirkell, Ben Wells, Cheltoni, F. A. Cobbold, Gen. Hutton, Henry Barnes, Harrison Dick, Kimberly, Leila Filkins, Mildred Ware, Maynell, Mary Inglis, W. Duckham, Dr. Enguehard, $15.00 per 100.

Cash with order, or 25% cash with all C. O. D. orders. 5 of any one variety at 100 rate.

Warrick Bros., 498 Locust Ave., Washington, Pa.

Chrysanthemums, high-grade stock.

Mrs. H. W. Buckee	Percy Plumridge
Rockford	Dr. Enguehard
S. T. Wright	Thos. Humphreys
Ben Wells	F. A. Cobbold
Mildred Ware	Wm. Duckham

Each, 25 cents; dozen, $2.50.

Alice Byron	Harrison Dick
Convention Hall	Mrs. C. J. Neville
C. J. Salter	Maynell
W. R. Church	Henry Second
Donald McLeod	Mrs. T. Longley

Each, 15 cents; dozen, $1.50.

Mrs. Thirkell	La Fusion
Mrs. T. W. Pockett	Goldmine
J. Carrington	H. W. Buckbee
Mrs. Barclay	Columbia
Lily Montford	Nellie Pockett

Each, 10 cents; dozen, $1.00.
H. W. BUCKBEE,
Rockford Seed Farms. Rockford, Ill.
Forest City Greenhouses.

Chrysanthemum stock plants. The best new and old standard sorts.

The new ones. Alice Byron (best early season white, Duckham, Dr. Enguehard, Ben Wells, Cheltoni, F. A. Cobbold, Guy Hamilton, H. Plumridge, Kimberly, Mildred Ware, L. Filkins, Maynell, Ida Barwood, F. S. Vallis, S. T. Wright, W. R. Church, Mrs. Buckbee, Golden Age, Rockford, Helen Frick, Mrs. N. Smith, 15c each, $1.50 doz.

Golden Wedding, Silver Wedding, Lavender Queen, White and Yellow Jones, Estelle, Polly Rose, Col. Appleton, Robinson, Henderson, Mme. Diedereichs, 8c each, 75c doz.

No order filled for less than $1.00. Satisfaction guaranteed. Cash.
Critchell's, Avondale, Cincinnati, Ohio.

Chrysanthemum stock plants. Fitzwygram, white Opah, Willowbrook, 5c each.

Monrovia, Omega, Robinson, Halliday, Jerome Jones, Yellow Jones, Appleton, Bonnaffon, Timothy Eaton, Yellow Eaton, Marion Newell, 8c each.

Marie Liger, Mlle. Douliet, Viviand-Morel, Fee du Champsaur, Golden Wedding, White Bonnaffon, White Maud Dean, Mrs. Chamberlain, Silver Queen, Tancred Bastet, Lily Mountford, C. J. Salter, Mrs. Coombes, Nellie Pockett, Mrs. T. W. Pockett, 15c each.

Diederich, Globasa Alba, Ethelyn, Harry Plumridge, Leila Filkins, Ben Wells, 25c each.

Also Wm. Duckham.

Cash or C. O. D.
W. J. & M. S. Vesey, Fort Wayne, Ind.

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CHRYSANTHEMUM STOCK PLANTS.

White—Estelle, Kalb, Robinson, Wanamaker, Eaton, White Mayflower, Ivory, Chadwick, Jerome Jones, White Bonnaffon.

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Pink—Wm. Duckham, J. K. Shaw, Lavender Queen, Marion Newell, Richardson, Marie Liger, Viviand-Morel, Mrs. Murdock, Perrin, Pacific.

Red—Oakland, M. P. Labbe.

Price, 10 cents each; $1.00 doz.
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Chrysanthemum stock plants. Australie, Balfour, A. Byron, M. Bailey, Bentley, Chadwick, Convention Hall, Col. Powell, L. Deveau, Eaton, Halliday, Liger, Coombes, Emmerton, Chamberlain, Thirkell, Mrs. Pockett, Tranter, Mme. Herrewege, Mme. Nicolland, Mme. P. Radaelli, M. Richardson, Mounier, G. Wedding, R. E. Richardson, F. S. Vallis, Yanariva, 7c each. S. T. Wright, F. A. Cobbold, Mildred Ware, Mrs. Buckbee, Lily Mountford, P. Plumridge, F. Molyneux, 15c each. Duckham, Filkins, Ben Wells, Maynell, W. R. Church, Mrs. F. S. Vallis, 25c each. No order filled for less than $2.00. W. A. Chalfant, Springfield, Mo.

CHRYSANTHEMUMS—Continued.

Chrysanthemum strong stock plants. Duckham, Cobbold, Marion Newell, H. Plumridge, Boccace, Ben. Wells, Dr. Enguehsrd, 25c each. Thirkell, Liger, Chamberlain, Balfour, 15c each. T. Eaton, Yellow Eaton, Goldmine, Golden Wedding, Appleton, Mrs. Jerome Jones, Coombes, Alice Byron, Monrovia, Chadwick, Lavender Queen, Orizaba, Merry Xmas, 10c each. Polly Rose, Willowbrook, Glory Pacific, Ivory, Pink and White Bonnaffon, White and Yellow Robinson, Blackhawk, Merza, Casco, Elmer D. Smith, Souci, 6c each.
Stuppy Floral Co., St. Joseph, Mo.

CHRYSANTHEMUMS.
Stock plants of Yellow Bonnaffon, Monrovia, Appleton, Omega, Golden Wedding, Pink Ivory, Glory of Pacific, Marie Liger, Mrs. Perrin, Maud Dean, M. Newell, Mrs. Probin, White Bonnaffon, Chadwick, Alice Byron, Queen, Jones, Ivory; Convention Hall, $1.50 per doz.; Red Childs, all 75c per doz. except where noted. Cash, please.
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Chrysanthemum stock plants.
White—Kalb, Ivory, Queen, F. Pullman, T. Eaton, Robinson, Mayflower, Niveus.
Yellow—Harry Parr, Bonnaffon, Lincoln, Solar Queen, G. Wedding, Yellow Fellow, Tuxedo.
Pink—Rose Owen, Pink Ivory, J. K. Shaw, Edna Prass, Mrs. Perrin, Shaggy Perrin, Maud Dean.
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75c per doz., $5.00 per 100.
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Chrysanthemums. Strong stock plants of Dr. Enguehard, $1.00 per doz. Silver Wedding, Col. D. Appleton, Mrs. Jerome Jones, Columbia, Grates, W. K. Rieman, Helen Bloodgood, Marie Liger, White Bonnaffon, Mrs. S. J. Tranter, 75c per doz.
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Chrysanthemums Wm. Duckham, Dr. Enguehard, A. J. Balfour, Alice Byron, white and yellow; Golden Chadwick, Yellow Eaton, Appleton, Omega and Marion Newell, large, good healthy clumps. Write for prices.
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Chrysanthemum stock plants. Bonnaffon, $3.00 per 100; $25.00 per 1000; 25c per doz.
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Coleus rooted cuttings, best varieties, 50c 100, by mail.
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Dracaena indivisa, strong 2½-in., $2.50 per 100; 4-in., $5.00 per 100.
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Mme. Charrott, rosy salmon pink	40c	2	
Mme. Barney, rose pink	40c	2	
Mme. Buchner, white	40c	2	
Mme. Landry, apricot salmon	40c	2	17.50
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J. Balme & Co., Mexico City, Mexico.

PALMS, ETC.

Cocos Weddeliana and Kentia Belmoreana, fine for centers of fern dishes, 10c each, $9.00 per 100. Kentia Belmoreana, 4-in., nice stock, 25c each. Latania Borbonica, strong, 4-in., $15.00 per 100.
H. Weston, Hempstead, N. Y.

Philadelphia-grown palms. Write.
Joseph Heacock, Wyncote, Pa.

Kentia palms. Large assortment.
L. H. Foster, Dorchester, Mass.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

PANSY PLANTS.

Pansy plants of my largest flowering mixture of show varieties, unsurpassed quality; large stocky plants at $3.00 per 1000. 500 at 1000 rate. Gustav Pitzonka, Bristol, Pa.

25,000 extra fine pansy plants, $3.00 per 1000. Parkside Greenhouses, 746 E. 70th St., Chicago.

Pansies. Mme. Perrett and from our own famous strain, $2.50 per 1000, $10.00 per 5000.
J. C. Schmidt Co., Bristol, Pa.

Pansies, a high-class mixture for retail trade, 50c a 100 by mail; $2.50 a 1000 by express.
R. Kilbourn, Clinton, N. Y.

Giant pansies, selects, fine, stocky plants, $2.50 per 1000; $4.50 for 2000. Cash.
Byer Bros., Chambersburg, Pa.

Giant pansies, will please your trade, $2.00 per 1000. Cash.
Byer Floral Co., Shippensburg, Pa.

Pansy plants, 60c 100, $2.50 1000. Cash.
Jos. H. Cunningham, Delaware, O.

PELARGONIUMS.

Pelargoniums, 25 best named varieties, including Victor, Surprise, Vibert, Countess, Vivid, Haines, Violet, Andre, Rose Queen, etc., rooted cuttings, $2.50 per 100 prepaid; 2½-in., $3.50; 3½-in., $7.00 per 100, by express.
J. Sylvester, Oconto, Wis.

Pelargoniums, 2-in., $2.50 100; mixed varieties. Cash, please.
Converse Greenhouses, Webster, Mass.

Pelargonium rooted cuttings, 15 varieties, $2.25 100. S. D. Brant, Clay Center, Kan.

PETUNIAS.

Petunias, rooted cuttings; single, from California Giants, one of the finest collections in California, flowers from 4 to 6 inches across; double, from Dreer's and Henderson's sets, $1.25 100. Cash, please.
Fred Grohe, Santa Rosa, Cal.

Our double white petunia, KANSAS, is the best of all, blooms are as large as a good-sized Hill carnation. Rooted cuttings, $1.25 100.
C. Humfeld, Clay Center, Kan.

Petunias, dbl. fringed, 6 distinct novelties, $1.25 100; $10.00 1000.
The W. T. Buckley Co., Springfield, Ill.

PLUMBAGOS.

Plumbagos, blue and white, 3-in., $3.00 100.
R. Vincent Jr. & Son, White Marsh, Md.

POINSETTIAS.

Poinsettias, 2½-in. pot plants, in bloom, for making up in pans, 8 to 12 inches high from top of pot, $1.50 doz. No charge for packing.
C. W. Reimers, Hite Ave., Louisville, Ky.

PRIMULAS.

Primula chinensis, nice plants in bud and bloom, 5¼-in. pots, $2.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Primula chinensis, 5 colors, 2 and 3-in., $2.00 and $3.00 100. Cash, please.
Fred Grohe, Santa Rosa, Cal.

PRIMULAS—Continued.

New primrose BUTTERCUP, primula floribunda, fine plants out of 2½-in. pots, $10.00 per 100.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Primula chinensis fimbriata and Primula obconica grandiflora, in bud and bloom from 4-in. pots, $10.00 per 100; from 5-in. pots, $1.80 per doz.
Paul Mader, East Stroudsburg, Pa.

Primula obconica, fringed and others, 4 colors, extra select bushy plants full of buds and flowers, 4-inch, 6c; 5-inch, 10c
Wm. S. Herzog, Morris Plains, N. J.

Baby primrose in bloom, stroug, from 3-in., $5.00 100. Cash.
John R. Shreiner, Lancaster, Pa.

PRIVET.

California privet. See our adv. in Review, Nov. 17th. Atlantic Coast Nurseries, Office 606 4th Ave., Asbury Park, N. J.

California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

ROOTED CUTTINGS.

Rooted cuttings of verbenas, coleus, salvias, alternantheras, cuphias and dbl. sweet alyssum. Orders booked for future delivery for geranium rooted cuttings of the best named varieties. Satisfaction guaranteed.
C. Humfeld, Clay Center, Kan.

Rooted cuttings. Orders booked now for the following: Verbenas, petunias, salvias, ageratums, daisies, heliotropes, feverfew, coleus. Express prepaid. Write
S. D. Brant, Clay Center, Kan.

BUSINESS BRINGERS—
REVIEW Classified Advs.

ROSES.

Our new red rose RICHMOND is best red forcing variety yet produced. It was awarded the silver cup at the World's Fair for the best seedling rose, and a special silver cup at Chicago for best seedling. Price: Own root plants, $30.00 per 100, 250 for $70.00, 1000 for $250.00; 500 at 1000 rate.
ROSALIND ORR ENGLISH, our pink seedling from Mme. Chatenay, was awarded certificate of merit at the Chicago show. Price: $25.00 per 100, $200.00 per 1000.
Both of these varieties are easy to propagate and easy to grow. If it isn't convenient for you to come to Richmond and see them, write to us for full particulars.
E. G. HILL CO., Richmond, Ind.

Crimson Rambler roses, extra, $15.00 100. H. P. roses, etc., as long as stock lasts, $10.00 100. Ulrich Brunner, American Beauty, Anne des Alpes, Gen. Jacqueminot, Gen. Washington, La France, Mabel Morrison, Magna Charta, Mrs. J. Laing, Prince C. de Rohan, Paul Neyron, Paeonia, Reine, Marie Henrietta, etc.
F. W. O. Schmitz, Prince Bay, N. Y.

Dormant rose plants, 2½-in. pots. Clothilde Soupert, Maman Cochet, White Maman Cochet, La France, Etoile de Lyon, Marechal Niel, Meteor, Helen Gould, Souv. de Mme. Pierre Notting, Ivory, Papa Gontier, Bride, Maid, Ball of Snow, $2.50 per 100; $20.00 per 1000. Cash, please.
John A. Doyle, Rose Grower, Springfield, O.

ROSES, rooted cuttings, January delivery. Bride, Bridesmaid, Golden Gate, Ivory, $1.50 per 100, $12.50 per 1000. Wood selected from healthy, grafted stock. Satisfaction guaranteed. Cash or satisfactory reference.
Baur Floral Co., 20 W. 10th St., Erie, Pa.

Early new rose cuttings. La Detroit, McArthur, Carnot, Belle Siebrecht, Perle, La France, Maids, Brides, Woottons. Write
Geo. A. Kuhl, Pekin, Ill.

We are booking orders for rooted cuttings of Bride, Maid, Liberty, Gate and Beauty roses. Give us a call for cut roses.
Rhoten Bros. & Co., Box 5, Danville, Ill.

LA DETROIT, the new pink rose, now ready for imediate delivery. Fine field-grown plants, $15.00 100; $125.00 1000.
John Breitmeyer's Sons, Detroit, Mich.

The new rose MME. LEVAVASSEUR, also called Dwarf Crimson Rambler, field-grown, $5.00 doz., $40.00 100.
Louis Dupuy, Whitestone, N. Y.

Hardy perpetual standard and dwarf roses, Crimson Ramblers, etc. First-class stock. Catalogue free.
Van der Weijden & Co., Boskoop, Holland.

5000 strong, 2-year-old American Beauty plants, in good shape for forcing, $8.00 per 100.
Chicago Carnation Co., Joliet, Ill.

We have a fine stock of young roses, 175 varieties. Write us.
Springfield Floral Co., Springfield, O.

Roses. Marechal Niel, 3-in. pots, $5.00 100.
R. Vincent Jr. & Son, White Marsh, Md.

Rose plants. Get our list before buying.
C. M. Niuffer, Springfield, Ohio.

ROSE STOCKS.

Manetti stocks, selected grafting sizes, 3 to 5 mm. diam., $7.50 1000; $35.00 for 5000. Delivery early in January.
JACKSON & PERKINS CO., Newark, New York.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Ficus elastica, home grown and imported. Nicely staked up plants, 6-in. pots, 20 to 30 inches high, having from 16, 20, 25 to 30 perfect leaves to the plant, $4, $5 and $6 per doz. Specimens, 6 to 7-in. pots, 30 to 36 inches high, 75c to $1.00 each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Ficus, 12 to 15 in. high, $2.00 doz.
R. Vincent, Jr. & Son, White Marsh, Md.

SALVIAS.

Salvias, in variety, 2¼-in., $2.00 100; $17.50 1000. Holt's mammoth sage, $2.00 100; $15.00 1000. R. Vincent, Jr. & Son, White Marsh, Md.

Salvias, the two best. Drooping Beauty, dwarf; and Bonfire, tall; 75c 100; $7.00 1000.
W. T. Buckley Co., Springfield, Ill.

Salvia splendens, rooted cuttings, 75c 100, by mail. James H. Cornell, Asbury Park, N. J.

SEEDLINGS.

Citrus trifoliata seedlings, 8 to 12 in. high, 50c doz., $2.50 100; 12 to 18 in. high, $1.00 doz., $3.00 100. E. J. Thomas, Webster, Texas.

SEEDS.

Hollyhocks, double white and yellow, crimson, mixed; sweet williams, Hunt's finest auriculas flowering; digitalis in twelve varieties; mixed delphiniums in twelve varieties, all shades of purple and scarlet; Lobelia cardinalis, finest of all border flowers; Lobelia syphilitica; this is the medicinal lobelia that is used for all kinds of blood diseases; Asclepias tuberosa (golden milk weed), Payson's. Send 10 cents for trade packets. Wholesale prices on application.
C. Long, 277 Jefferson Ave., Rochester, N. Y.

Asparagus plumosus nanus seed, new crop, greenhouse grown, 90c 100 seeds, $7.00 1000 seeds.
Verbenas, mammoth fancy strain, blue, purple, pink, scarlet, striped, white and mixed; trade pkt., 30c; oz., $1.50.
Smilax, fresh, trade pkt., 10c; oz., 30c; ¼ lb., $1.00; 1 lb., $3.00.
Stocks, Princess Alice, pure white, fine for cut flowers, ½ trade pkt., 30c; trade pkt., 50c; oz., $2.50.
H. F. Michell Co., 1018 Market St., Phila.

New hardy annual, Nicotiana Sanderae. Seeds in original packets from all seedsmen throughout the United States. Gold medal, London, 1903. Gold medal, Royal Horticultural Society of England, 1904. First-class certificate and Barksean medal by 24 members of Floral Committee, R. H. Society. Particulars, colored illustrations, etc., from
Sander & Sons, St. Albans, England.
Wholesale agents for the United States:
Henry A. Dreer, Chestnut St., Phila., Pa.
J. M. Thorburn & Co., Cortlandt St., New York.

Cyclamen giganteum, mixed, 200 seeds, $1.00; one-half pkt., 50c. Giant pansies, mixed, 5000 seeds, $1.00; one-half pkt., 50c. Chinese primrose, single and dbl., mixed, 500 seeds, $1.00; one-half pkt., 50c.
John F. Rupp, Shiremanstown, Pa.

Just secured another lot of this year's birch seed. Betula lenta and lutea, $1.00 per lb.; populifolia, 50c per lb. 10% discount for cash with order. L. E. Williams, Nottingham, N. H.

Aster seed, from the finest plants. Semple's Branching, Shell-Pink (Mary Semple), and white, 1 oz., $2.00; 2 ozs. or more, $1.50 per oz. A. W. Sampson, Penn Yan, N. Y.

If you want fine Mexican seeds, see adv. under heading Mexican Plants and Seeds. Mexican beans, "Frijoles," Cobaes, etc.
J. Balme & Co., Mexico City, Mexico.

New sorts Shasta daisy seed, enormous flowers; Alaska, California, Westralia, 100 seeds, 25c, 1000 seeds, $2.00.
H. H. Berger & Co., 47 Barclay St., N. Y.

Leonard Seed Co.
Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-81 E. Kinzie St., Chicago.

New crop indoor grown seed of winter flowering stock, BEAUTY OF NICE. Trade pkt., 25c. Chas. F. Seitzer, 20-30 Oswego St., Utica, N. Y.

50,000 new crop Asparagus plumosus nanus seed, $5.00 per 1000, $20.00 per 5000 seeds.
Mitting & Linfoot, Danville, Ill.

Long Island cabbage seed and American cauliflower; also other special seed stocks.
Francis Brill, Hempstead, L. I., N. Y.

75 lbs. Myatt's Linnaeus rhubarb seed, crop of 1904; fine condition at 40c per lb.
Maurice J. Brinton, Christiana, Pa.

We invite correspondence from the seed trade of the United States.
W. W. Johnson & Son, Ltd., Boston, England.

New crop smilax seeds, per oz., 20c; ¼ lb., 60c; lb., $2.00.
Johnson & Stokes, 217-219 Market St., Phila.

Fresh crop PEAR SEED, due in December. $250.00 per 100 lbs.
Suzuki & Iida, 31 Barclay St., N. Y.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Asparagus plumosus nanus seed, fine, $2.00 per 1000. Albert Buckwell, Woodbridge, Florida.

Asparagus plumosus nanus seed, new crop. 50c 100, cash. Edw. Teas, Joplin, Mo.

Stocks. Princess Alice, pure white, 25c per trade pkt. W. S. Nichol, Barrington, R. I.

Asparagus seeds, 60c 100, $5.00 1000; 5000 for $22.50. Wm. F. Kasting, Buffalo, N. Y.

75,000 Asparagus plumosus seeds, $4.00 1000. Cash. Lewis Ullrich, Tiffin, Ohio.

Fresh Areca lutescens seed, $3.00 1000.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

D. Landreth Seed Co., Bristol, Pa.
Wholesale orders solicited.

SMALL FRUIT PLANTS.

Millions of strawberry plants. Send for list.
W. W. Thomas, Anna, Ill.

SMILAX.

Smilax, 10,000 strong, bushy stock, 2½-in., $1.00 per 100; $9.00 per 1000.
J. C. Schmidt Co., Bristol, Pa.

600 smilax, strong and bushy, 2-in. pot plants, cut back once, $1.00 per 100.
E. Haentze, Fond du Lac, Wis.

Smilax, 2¼-in., strong stock, $1.25 per 100, $10.00 per 1000.
Kroeber & Schwarz, New Bedford, Mass.

Smilax from 3 and 4-in. pots, strong, $2.00 per 100.
Alameda Greenhouse, Roswell, N. Mex.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

SPIRAEAS.

	12	100
Spiraea Japonica, large clumps	$0.50	$3.75
Spiraea comp. multi., large clumps	.60	4.50
Spiraea astilboides floribunda	.75	5.00
Spiraea superba or Gladstone	1.20	8.00

H. H. Berger & Co., 47 Barclay St., N. Y.

Spiraea compacta and astilboides, picked clumps, $5.00 per 100, $45.00 per 1000; Japonica, picked clumps, $4.50 per 100, $40.00 per 1000.
Arthur T. Boddington, 342 W. 14th St., N. Y.

STOCKS.

Cut and come again. Princess Alice, pure white, from seed bed, 60c per 100. Seed, 25c per trade pkt. W. S. Nichol, Barrington, R. I.

SUMACHS.

New fern-leaved sumach, Rhus typhina var. laciniata. This splendid new shrub is sure to be in good demand. 1 to 2 ft., $1.00 per 10, $7.00 per 100; 2 to 3 ft., $1.50 per 10, $10.00 per 100; 3 to 4 ft., $2.00 per 10, $15.00 per 100.
The Elm City Nursery Co., New Haven, Conn.

Cut-leaf, stag-horn sumach, large stock, 10c to 15c. Edw. Teas, Joplin, Mo.

SWEET PEAS.

Sweet peas, best winter and spring blooming varieties. Emily Henderson, white; Countess of Radnor, lavender; Katherine Tracy, light pink; Salopian, red; 4-in. pots, strong plants, 10 inches high, 50c doz., $3.50 per 100. Just the thing to take the place of chrysanthemums.
Wm. Scott Co., Corfu, N. Y.

Sweet peas. Having more than we need, we offer EARLIEST OF ALL, nice clean plants from 2½-in. pots, 4 to 6 seeds, 8 to 10 inches high, for $2.00 per 100 pots. Cash, please, or C. O. D. A. Relyea & Son, Poughkeepsie, N. Y.

VEGETABLE PLANTS.

CABBAGE—Early and Flat Dutch. Succession, L. I. Second Early, Jersey Wakefield, etc., 25c per 100, $1.00 per 1000, $8.50 per 10,000.
CELERY—White Plume, Pink Plume, Giant Pascal, Golden Heart, Boston Market, etc.; also celeriac, 25c per 100, $1.00 per 1000, $8.50 per 10,000.
LETTUCE—Big Boston, Boston Market and Grand Rapids, 25c per 100, $1.00 per 1000.
PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.
TOMATOES—Lorillard, seed bed plants, 50c per 100, postpaid; 2¼-in. pots, 40c per doz., $2.00 per 100.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

We are headquarters for improved Lorillard forcing tomatoes; fine 2½-in. pot plants, $2.00 100. Cash. Roney Bros., West Grove, Pa.

NOROTON BEAUTY, the great new potato. Descriptive circular on application.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

BUSINESS BRINGERS—
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VERBENAS.

Lemon verbenas, 2¼-in., $2.50 100, $17.50 1000. R. Vincent, Jr. & Son, White Marsh, Md.

VINCAS.

Vinca minor, 50,000 nice little clumps at $2.50 per 100, or $12.00 per 1000; no charge for packing, where cash accompanies order.
Otto Katzenstein & Co., Atlanta, Ga.

Vinca variegata. R. C., 90c per 100, prepaid. Cash. Byer Bros., Chambersburg, Pa.

VIOLETS.

Marie Louise and Campbell violets. 500 good clumps from field, per 100, $4.00. 500 3-inch Campbell, per 100, $3.00.
Geo. Engel, Xenia, Ohio.

Marie Louise violets, clean and healthy in every particular, $5.00 per 100, $45.00 per 1000. Cash with order. W. J. Chinnick, Trenton, N. J.

Violets. Field-grown Lady Campbell, $4.00 100. Converse Greenhouses, Webster, Mass.

We make a specialty of violets. Write
Eli Cross, Grand Rapids, Mich.

MISCELLANEOUS.

Aquilegia (columbine), single mixed, 2¼-in.; Gaillardia grand., 2¼-in., plumbago, blue, white, 3-in. pots, $3.00 100. Maranta massangeana, 2¼-in., $4.00 100. Swainsona alba and rosea, 2¼-in., $2.00 100; $17.50 1000. Holt's Mammoth sage, $2.00 100; $15.00 1000. Sweet Williams, double mixed, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

TO EXCHANGE.

To Exchange—What have you to exchange for bananas, dormant plants, and mistletoe?
W. L. McCart, Fort Worth, Texas.

WANTED.

Wanted—Stock plants of Bonnie Dundee and Old Homestead chrysanthemums. Quote us price on half dozen or more. Will sue for damages if not true to label.
Michel Plant and Bulb Co., St. Louis, Mo.

Wanted—1000 Vinca major variegata, 2½-in. pots. State best price.
F. W. Heckenkamp, Jr., Quincy, Ill.

Wanted—4000 Kaiserin rose plants, 2¼-in. pots. State price.
Frank Garland, Des Plaines, Ill.

ASBESTOS GOODS.

Cover your boilers and flow pipes with asbestos; makes a great saving in coal bills; reasonable first cost; easily applied; coverings last many years. Send for free catalogue. H. W. Johns-Manville Co., 100 William St., New York.

CHRISTMAS NOVELTIES.

Dainty Japanese dwarf conifers in painted China pots, $3.00 to $5.00 doz.
H. H. Berger & Co., 47 Barclay St., N. Y.

CHRISTMAS TREES.

Christmas Trees. We offer attractive prices for early orders. Let us figure with you.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Christmas trees and evergreens. Special attention paid to furnishing in car-load lots.
L. B. Brague, Hinsdale, Mass.

Christmas trees.
H. Schuenemann, 212 So. Water St., Chicago.

CUT FLOWER BOXES.

Folding boxes cheap. Write us for samples and prices. The Aull Bros. Paper and Box Co., Dayton, O.

Florists' boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

Send in your order now for a copy of Scott's Florists' Manual.

DECORATIVE MATERIAL.

A most useful DECORATIVE EVERGREEN for the holidays. A single postal card request will bring you gratis a sample and price.
Pitsburg Cut Flower Co., Ltd., 504 Liberty Ave., Pittsburg, Pa.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
Crowl Fern Co., Millington, Mass.

Laurel wreathing, 25 yds. in a bundle, made full, tight wound, $3.00 per 100 yds.; our best grade, $5.00 per 100 yds.; crated, F. O. B. Loose selected laurel, $2.50 per 100-lb. crate, net. We have been making 10 seasons and guarantee satisfaction. Cash with order.
L. Pope & Son, Florists, Barnsboro, N. J.

Decorative evergreens. We can furnish on short notice southern wild smilax, magnolia foliage, long needle pine, holly, yupon, yucca, wild winter fern and gray moss. Write for catulogue and price list.
Magnolia Hill Evergreen Company, Roganville, Jasper Co., Texas.

CALIFORNIA PEPPER BERRIES. Long bunches of shining red berries of the pepper tree, light and graceful and choice for decorations, 60c per lb., postpaid. Cash with order. Sample for 10c.
Mrs. M. E. Patterson, Glendale, Calif.

Wreathing well wound from select stock, light, $2.65; medium, $3.50; heavy, $4.50 per 100 yds. Bouquet green, $5.00 per 100 lbs. Cash. Xmas trees, write for prices.
Joseph Bancroft & Son, Cedar Falls, Iowa.

All decorative evergreens, galax, leucothoe, mosses, etc.
The Kervan Co., 20 W. 27th St., New York, N. Y.

Holly and green. Special attractive prices for early orders. Send us a list to figure on. W. W. Barnard & Co., 161 Kinzie St., Chicago.

Florida moss for Christmas tree drapery, 35c per lb., F. O. B. Order now; it keeps for months. T. Robertson, Port Allen, La.

Dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
H. M. Robinson & Co., 11 Province St., Boston.

Leucothoe sprays, fancy ferns, green sheet moss, sphagnum moss, etc.
L. J. Kreshover, 110 W. 27th St., New York.

Fancy and dagger ferns, evergreens, etc. Good stock, low prices.
A. J. Fellouris, 468 Sixth Ave., New York.

Galax, ferns and leucothoe sprays are our specialities. N. Lecakes & Co., 53 W. 28th St., N. Y.

Bouquet green. Best quality at lowest prices.
H. Schuenemann, 212 So. Water St., Chicago.

Wild smilax and long needle pines. Write
Square Deal Wild Smilax Co., Evergreen, Ala.

Leucothoe sprays and hardy cut ferns.
C. E. Critchell, 36 E. 3d St., Cincinnati, O.

Fancy and dagger ferns, smilax, etc.
Michigan Cut Flower Exchange, Detroit, Mich.

Fancy and dagger ferns, smilax, etc.
H. L. Menand, 34 William St., Albany, N. Y.

For southern wild smilax write
Caldwell The Woodsman Co., Evergreen, Ala.

Cut ferns, evergreens, etc.
L. B. Brague, Hinsdale, Mass.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to
E. F. WINTERSON CO.,
45, 47, 49 Wabash Ave., Chicago.

FLORAL DESIGNS.

Wax flowers and wax floral designs.
J. Stern & Co., 1928 Germantown Ave., Phila.

Wax flowers and wax floral designs.
Jos. G. Neidinger, 1226 Poplar St., Phila.

GALAX LEAVES.

Bronze and green galax leaves, postage prepaid, 75c per 1000. Small green leaves for violets. H. H. Hill, Victoria, Macon Co., North Carolina.

Galax leaves, green and bronze, fresh gathered, $3.00 for case of 5000. Cash.
Hall & Jones Co., Blowing Rock, N. C.

Galax, bronze or green, and small green galax for violets.
L. J. Kreshover, 110 W. 27th St., New York.

GALAX LEAVES. Bronze or green.
A. J. Fellouris, 468 Sixth Ave., New York.

GALAX LEAVES, green or bronze.
N. Lecakes & Co., 53 W. 28th St., New York.

GALAX LEAVES, green or bronze.
Crowl Fern Co., Millington, Mass.

GALAX LEAVES, green or bronze.
H. M. Robinson & Co., 11 Province St., Boston.

Galax leaves, bronze and green.
H. L. Menand, 34 William St., Albany, N. Y.

Galax, bronze and green.
C. E. Critchell, 36 E. 3d St., Cincinnati, O.

GLASS, ETC.

Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order to small to receive our careful attention.
Sharp, Partridge & Co., 22d and Union, Chicago, Ill.

We carry the largest stock of glass in this country. Glass for greenhouses is our specialty.
Pittsburgh Plate Glass Co., Pittsburg, Pa.

We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Greenhouse Glass.
Johnston Glass Co.,
Hartford City, Ind.

Greenhouse glass exclusively.
Stenzel Glass Co., 2 Hudson St., New York. Also 101 Portland St., Boston.

Greenhouse glass a specialty. Sprague, Smith Co., 205 Randolph St., Chicago.

GLAZING POINTS.

Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

The "Model" glazing point. Zinc. Practical. Durable.
Parker-Bruen Mfg. Co., Harrison, N. J.

Peerless glazing points are the best.
H. A. Dreer, Philadelphia, Pa.

GOLD FISH.

GLEN MARY FISH FARM.
CHAS. POMMERT, PROP.
AMELIA, O.
Devoted exclusively to the growing of GOLD FISH. 100,000 now ready. Send for price list.

HOLLY.

HOLLY.
Choice, well-berried holly in regular size cases, containing 100 lbs. or more, delivered by freight prepaid. Per case, $4.00. Cash with order.

HOLLY WREATHS
made by experienced hands from best dark green holly, well filled with clustered bright red berries, regular 14-inch size, $10.00 per 100, f. o. b. here. Cash with order. Order early and will ship promptly on any date desired. H. AUSTIN, Felton, Del.

Holly, well berried, 50-lb. case, $3.00; 2 or more cases, $2.50 case.
Square Deal Wild Smilax Co., Evergreen, Ala.

HOSE.

HUNT'S TYPHOON. This hose is the product of careful study which greenhouse usage has demonstrated on various kinds of materials. It is durable, heavy and yet pliable and will stand hard usage.

100 feet, 7 ply	$14.00
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ALTHAEA FICIFOLIA.

Many prefer the single hollyhocks to the monstrously doubled florists' flowers now generally met with in gardens, which entirely lack the grace of form shown by the blossoms of the cottagers' plants, with their doubled center and clear guard petals. Of all the singles the most delightful is the species known as the ficleaved hollyhock, althæa ficifolia, which is worthy of inclusion in the best herbaceous border. It does not attain the great height of the ordinary hollyhock, rarely exceeding a stature of five feet or at most six feet. Its flowers are of lemon-yellow color, three to four inches across, of delicate texture and very refined appearance. The leaves are large palmate, and five to seven-lobed, somewhat resembling those of fig-tree. From July to September this hollyhock creates a beautiful picture in the garden. As it does not appear to be so susceptible to the dreaded disease as the florists' varieties, it is rarely seen in bad health. It is a native of Siberia, and has been known for over 300 years, says the Gardeners' Chronicle.

CHICAGO AS A FLOWER CITY.

Chicago is steadily advancing in fame as the largest producer of cut flowers in this country and the industry is beginning to receive recognition in the daily papers. The following is an editorial from the Chicago Inter-Ocean for November 15:

Those uninformed and misinformed people who regard Chicago in the light merely of a big industrial city may be surprised to learn that it is the greatest flower market in the United States, but those who are familiar with the facts will be surprised only that persons of ordinary intelligence should be ignorant of its pre-eminence in this as well as in many other esthetic respects.

The taste and inclination of our people have always been in the direction of the beautiful. This is evident to the casual observer in the universal fondness which is exhibited here and throughout Cook county for the cultivation of flowers. With few exceptions every Chicago and Cook county householder who possesses a front or back yard, a little patch of land, or window or porch space sufficient for a flower box, is unhappy unless he is raising plants of some kind, even though he succeed in producing little more than a few modest little pansies.

On the other hand, those who can afford to indulge the luxury cultivate flowers here for their own enjoyment upon a magnificent scale, while acres of ground are covered by the hothouses of the professional florists.

The success achieved by Chicago and Cook county in the cultivation of flowers may be in some degree due to our skill and in some degree to our soil, but it is, perhaps, mainly attributable to our climate. The pure air and the genial sunshine which abound here the greater part of the year are highly conducive to the growth and beauty of our buds and blossoms.

Chicago is proud of the fact that, almost without striving, it has gained fame in this particular, and that from the variety and profusion of Cook county's blooms it is able to distribute among its sister cities the most glorious colors, hues and odors that nature is capable of producing.

INDEX KEWENSIS.

The utility of this monumental work is daily appreciated by those who have to deal with the names of plants and their synonyms. The original work, prepared by Mr. Daydon Jackson under the superintendence and with the co-operation of Sir Joseph Hooker, was completed in 1895. In these volumes are recorded all, or practically all, the names of plants from the time of Linnæus up to the end of 1885. A first supplement, prepared by M. Durand and Mr. B. D. Jackson, is in course of publication, and has reached the letter "Rhv." This supplement is intended to bring the record down to 1895.

Proper names, when used in the form of adjectives, are now spelt, in accordance with the present Kew usage, with a small initial letter. In the original work they are spelt with a capital. For the sake of uniformity it would probably have been better to have maintained one usage throughout.—Gardeners' Chronicle.

A BIT OF FUCHSIA HISTORY.

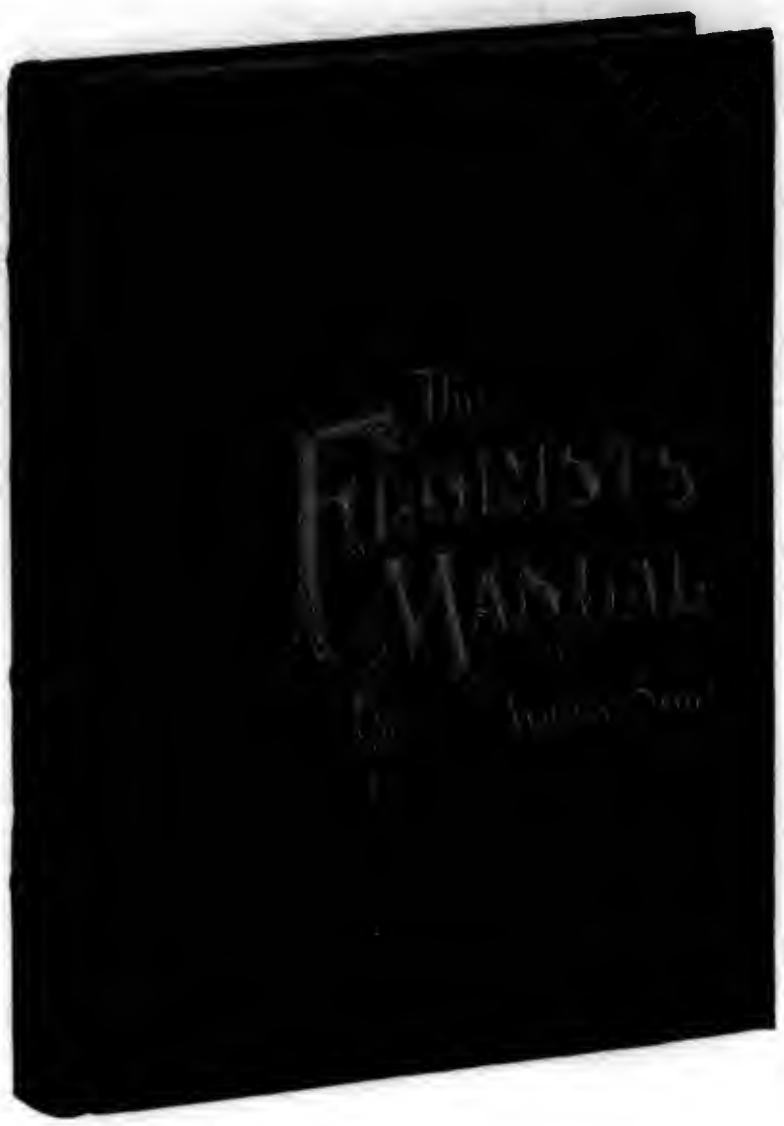
Probably but few persons who attended the meeting of the Royal Horticultural Society on July 23 noticed in the foregound of a collection of hardy flowers a few plants of a small-flowered fuchsia in pots, bearing the name of Mme. Cornellisen, and having white corollas. This was probably the first fuchsia with a white corolla and red tube and sepals raised on the continent; and it is interesting to note that, notwithstanding the flood of new fuchsias put into commerce during the last forty years, this variety should have been preserved, to reappear on the above date. Madame Cornellisen was distributed by Thibaut & Keteleer, florists, of Paris. F. W. Burbidge puts the year of sending-out as 1860, but there is reason to believe an earlier date should be named, and there are those who believe it to have been the first fuchsia with a white corolla seen in this country.

If it be correct that, as Mr. Burbidge states, Madame Cornellisen was not distributed until 1860, then the honor of raising the first fuchsia having a white corolla belongs to W. H. Story, who in 1853-54 produced the variety Queen Victoria, having a scarlet tube and sepals, and a pure white corolla, which, with other varieties, passed into the hands of E. G. Henderson & Sons for distribution. The advent of this interesting novelty naturally aroused a great deal of interest, but at the time Mr. Story was afflicted with a severe illness which resulted in death, and he was thus unable to afford any information as to the parentage of Queen Victoria; but it was believed that Mr. Story obtained pollen through Mr. Veitch, of the Exeter Nurseries, from a species or variety with a small and almost white corolla, and by using this on, it was said, a dark variety, there was ultimately produced the batch of which the variety Queen Victoria was one. The last-named was put into commerce about 1856-57.

Among our modern fuchsias there are very few single varieties which are white. Messrs. H. Cannell & Son, whose list is a comprehensive one, name but three. The early forms were spare of bloom, and it is probable that defect is somewhat hereditary. But of white double varieties there are several, and they are generally free-blooming; one named Ballet Girl is largely grown by Geo. Reynolds in the form of big bush specimens in pots for the decoration of the terrace in front of the mansion. This variety is very free and one of the best of the group. Occasionally one of this class is shown as an exhibition specimen, but a single white variety rarely, if ever.

Mr. Perry strongly recommended Madame Cornellisen as a bedding plant; small plants appear to bloom freely, the flowers are small, but they are graceful in form, while the habit of growth as shown by small plants is desirable. It affords another instance of an old plant coming to the fore in after years, when there was reason to believe it had been lost.—Gardeners' Chronicle.

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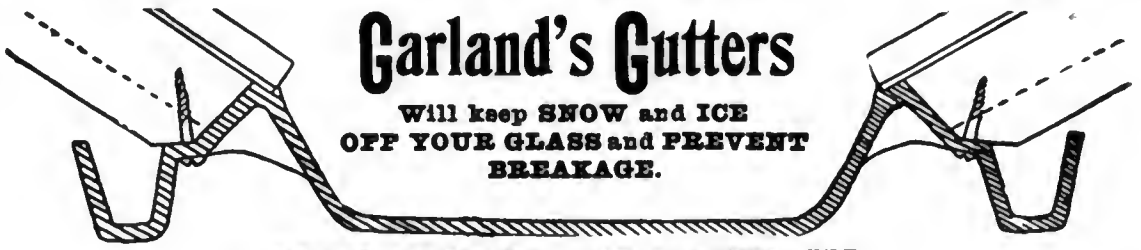
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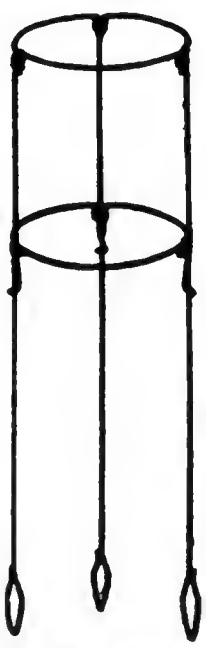
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C. C. Warburton's office, potting shed and contents, one entire greenhouse and contents and one end of another greenhouse and the stock were destroyed by fire Sunday morning, November 27, the money loss about $3,000. He will at once rebuild the office and potting shed and the burned portion of greenhouse least damaged and will try to get ready for spring trade, although his spring stock was all ruined. Stock was in fine condition and everything prosperous, but the hard work of four years was lost in two hours.

TARRYTOWN, N. Y.

The monthly meeting of the Tarrytown Horticultural Society was held November 29, President Ballantyne in the chair. J. Woodcock and G. Fresennis were elected to active membership. Nominations for active membership were A. A. Petit and A. Collins, Noroton, Conn., and J. Brinyess, Irvington.

H. Nichol's prize was awarded to J. Featherstone, gardener to Samuel Untermeyer, Yonkers, for Begonia Gloire de Lorraine. Mr. Featherstone was also awarded a certificate of merit for two very fine specimens of seedling begonias, Ensign and Winter Cheer. The F. R. Pierson Co. received honorable mention for Begonia Gloire de Lorraine. The T. A. Lee prize was awarded to L. A. Martin, gardener for C. G. Matthieson, Irvington, for selling the greatest number of tickets for the November exhibition, having sold sixty-one. T. A. L.

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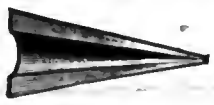
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G. L. GRANT, EDITOR AND MANAGER.

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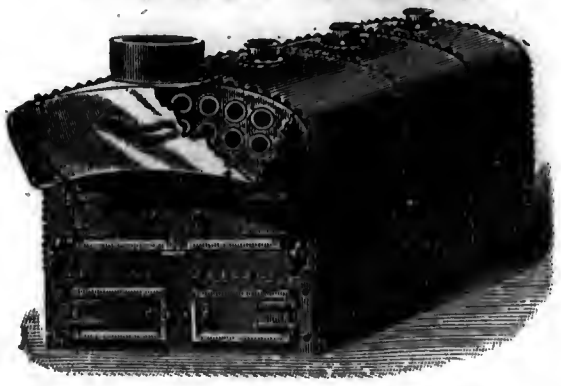
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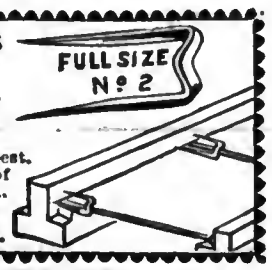
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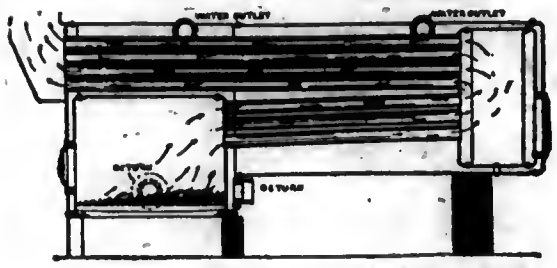
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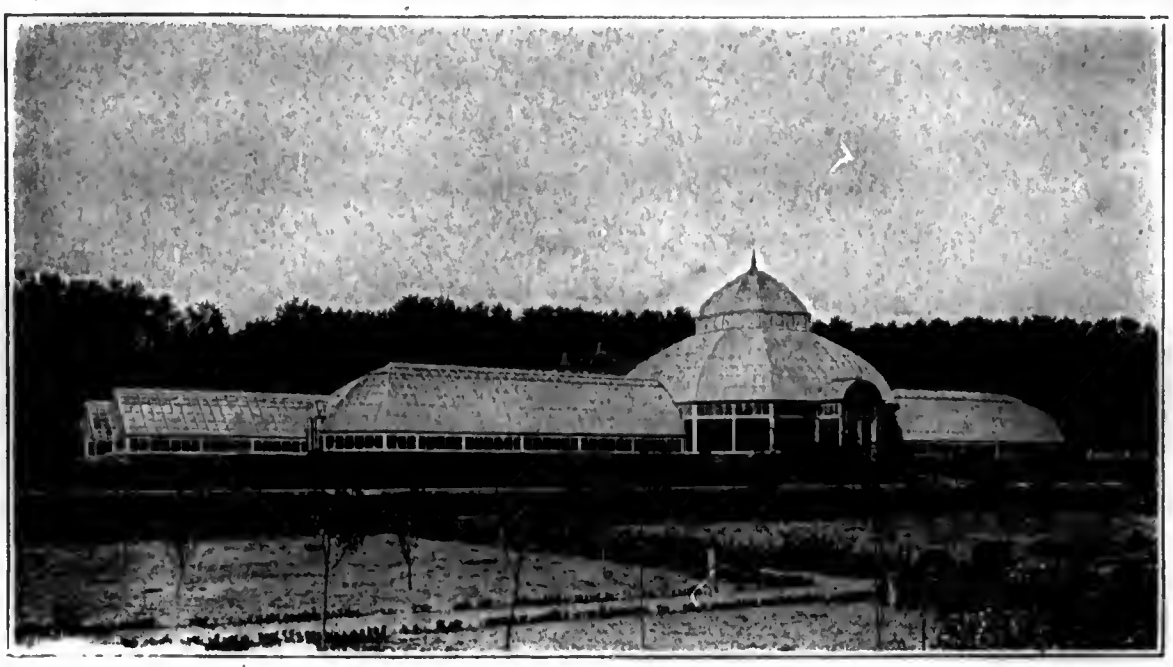
CHRISTMAS NUMBER



CHICAGO AND NEW YORK

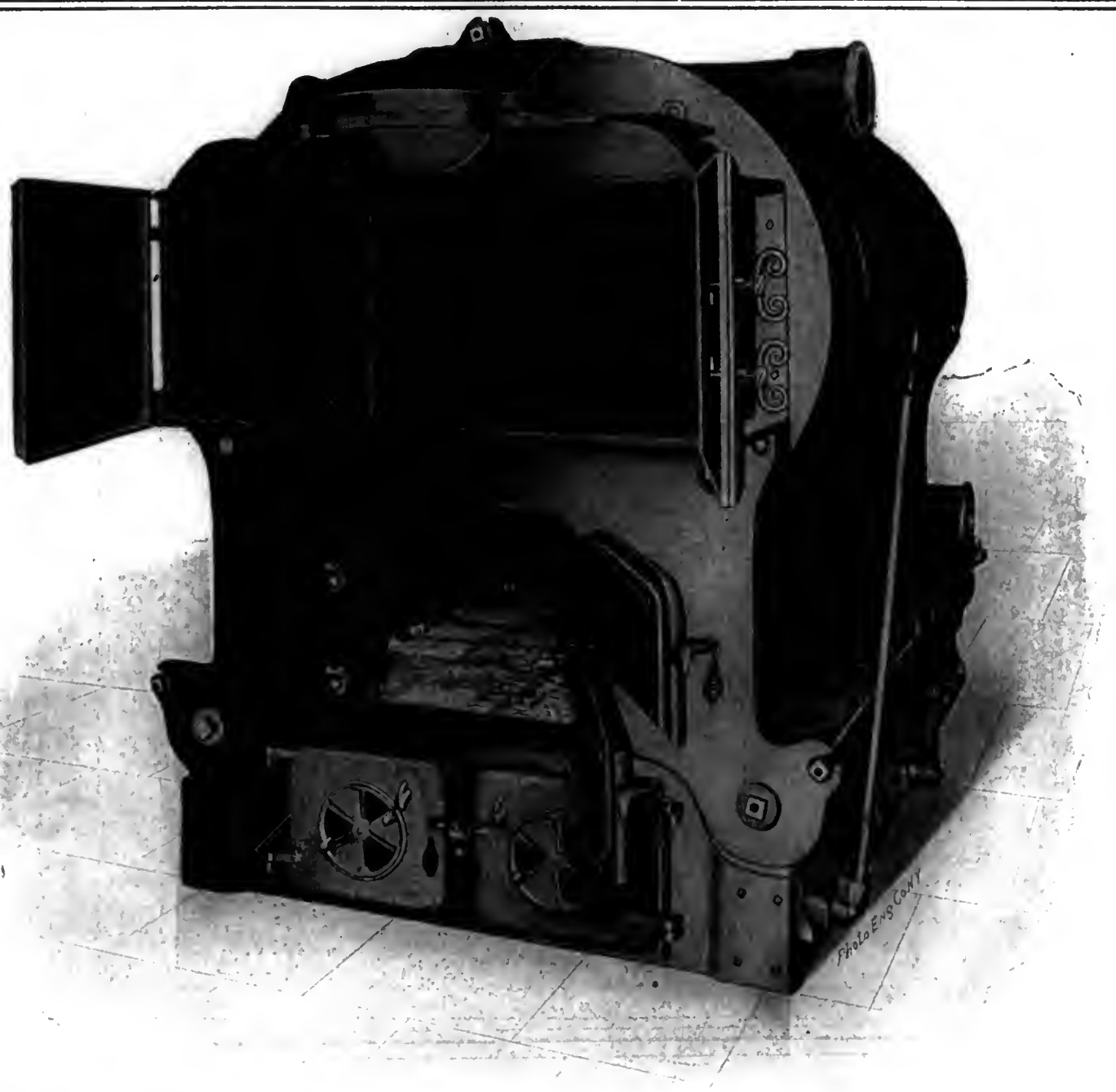
DECEMBER 15, 1904

HITCHINGS



& COMPANY

Greenhouses, Conservatories and all kinds of **Glass Structures** designed, erected, heated and **Ventilated,** or the material only furnished ready for erection. Send four cents postage each for our fully illustrated catalogues on **Greenhouse Construction, Greenhouse Heating** and **Sash Operating Apparatus.**



OUR NEW MOGUL BOILER FOR HOT WATER OR STEAM.

HOT WATER RADIATION FROM 4200 SQ. FT. AND UP. STEAM RADIATION FROM 2500 SQ. FT. AND UP.

HITCHINGS & CO., HORTICULTURAL ARCHITECTS AND BUILDERS. ESTABLISHED 1844.

233 Mercer St., NEW YORK

Tremont Building, BOSTON

THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS. SEEDSMEN AND NURSERYMEN.

Copyright, 1904, by FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XV. CHICAGO AND NEW YORK, DECEMBER 15, 1904. No. 368.

We offer the finest quality **LILIUM HARRISII** for immediate shipment.

No better stock can be obtained and the prices are low. Full case lots will be supplied at thousand rates.

			Per 100	Per 1000
Bulbs 6 to 7 in. in circumference,	350	to the case,	$4.50	$40.00
Bulbs 7 to 9 "	"	200 "	8.00	75.00
Bulbs 9 to 11 "	"	100 "	16.00	150.00

For other EARLY BULBS, for immediate delivery.

Allium Neapolitanum, Callas, Freesias, Lilium Candidum, Narcissus Paper White Grandiflora, French-Grown Trumpet Major Narcissus for Christmas flowering, White Roman Hyacinths, White Italians, Bermuda Buttercup Oxalis, Cold storage Lily of the Valley for Summer flowering.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

Asparagus Seeds

60c a hundred; $5.00 a thousand.
5000 for $22.50.

WM. F. KASTING,
WHOLESALE FLORIST,
383-387 Ellicott St., BUFFALO, N. Y.

A GOOD INVESTMENT

Place Your **Christmas Order** With

THE LEO NIESSEN CO.

1217 Arch Street, Write for our PRICE LIST. PHILADELPHIA, PA.

FIANCEE

In a class by itself.
Rooted Cuttings,
$ 12 per 100
100 per 1000

THE CARDINAL, Grand Scarlet Improved Estelle, $ 12.00 per 100 / 100.00 per 1000

Two Best White Carnations
LADY BOUNTIFUL, $6.00 per 100; $50.00 per 1000
WHITE LAWSON, 7.00 per 100; 60.00 per 1000

Chicago Carnation Co., -- Joliet, Ill.

THE FOLLOWING 'MUMS have been AWARDED C. S. A. CERTIFICATES

COMMERCIAL:

JEANNIE NONIN, (Thanksgiving White), the Queen of the 'Mum family.
DR. GALLOWAY, fine mid-season white.
CLEMENT NE TOUSET, big early white.
REVEIL A'BEGLES, big early yellow.
ROI d' ITALIE, second early yellow.

EXHIBITION:

MLLE. ANNA DEBONO, MME. EMILE LEMOINE,
PREFET BONCOURT, SOUV. d' CALVAT PERE

All at 50c each; $5.00 per doz.; $35.00 per 100.

THE E. G. HILL CO., RICHMOND, IND.

FANCY HOLLY, SELECT GREEN, CHOICE TREES.

Send for our special jobbers' list on full line of Christmas Decorations. NO extra charge for EXTRA care.

Choice Valley Pips and Japan Lilies ready now.

W. W. BARNARD & CO., SEEDSMEN, 161-163 Kinzie St., CHICAGO

"The Early Bird Catches the Worm"

We have in Plentiful Supply
SELECTED DELAWARE HOLLY,
LATE PICKED BOUQUET GREEN,
HAND-MADE EVERGREEN
WREATHINGS, ALL SIZES,
CHRISTMAS BERRIES (Ilex),
WILD SMILAX,
HOLLY WREATHS,
EVERGREEN WREATHS,
IMMORTELLES,
CAPE FLOWERS,
GALAX LEAVES, FERNS,
CHRISTMAS TREES,
And everything in the way of
HOLIDAY DECORATIVE MATERIAL.
QUALITY! The kind that will bring you back for more.

Order Now
We ship when you
SAY THE WORD
Our Illustrated Price List Mailed for the Asking.

CHRISTMAS CUT FLOWERS

A Daily Shipment from
40 to 50 Growers

Time to think about your Holiday Stocks. We are prepared to take care of your trade and the outlook among our growers is good. Write us your probable needs now. We'll try and make it worth your while to look to us for your supply.

CHICAGO MARKET QUOTATIONS
Catalogue Free.

THE E. F. WINTERSON CO., 45-49 Wabash Ave., CHICAGO

The Old Reliable
For Your Holiday Wants.

WE WILL HAVE

ROSES, CARNATIONS,
VIOLETS, VALLEY,
ROMAN HYACINTHS,
NARCISSUS, HARRISII,
CALLAS, ADIANTUM,
SMILAX, SPRENGERI,
ASPARAGUS,
FERNS, GALAX,
WILD SMILAX,
WINTER BERRIES.

In Fact Everything You May Want.

E. H. HUNT
76 WABASH AVE., CHICAGO.

ROSES!
CARNATIONS!
VIOLETS!

And all Other Cut Flowers in Season

WE HAVE A REPUTATION FOR FILLING ORDERS WHEN ALL OTHERS FAIL.

We having bought 50,000 Mahonia Leaves, thousands of Leucothoe and hundreds of thousands of Galax, puts us in shape to supply Christmas wants. We will also have more than 200 cases of "Red Winter Berries;" all these can be bought early, as they will keep for the holiday trade. See the Review for prices, but on large lots write, as we can fix you out.

Cape flowers, any color; Immortelles, all shades; Ribbon, Cycas Leaves, and, in fact, everything that you may want.

ORDER EARLY TO AVOID THE RUSH WEEK. As above stated all this class of stock will keep--positively will not spoil.

As to Cut Flowers--We are the pioneer house and have the reputation of filling orders at all times. Prices will be as low as good stock can be sold for.

CHRISTMAS PRICE LIST.

SUBJECT TO CHANGE WITHOUT NOTICE.

AMERICAN BEAUTIES,
all lengths of stems, at market rates.

	Per 100
Brides	$ 6 00 to $ 8 00
Brides, Fancy	10 00 to 15 00
Maids	6 00 to 8 00
Maids, Fancy	10 00 to 18 00
Meteor	8 00 to 10 00
Meteor, Fancy	12 00 to 20 00
Liberty	8 00 to 10 00
Liberty, Fancy	15 00 to 35 00
Golden Gate	6 00 to 8 00

	Per 100
Golden Gate, Fancy	$10 00 to $12 00
Roses, our selection	6 00
Carnations, Common	3 00
Carnations, Select	4 00 to 5 00
Carnations, Fancy	6 00 to 8 00
Violets	1 50 to 3 00
Valley	4 00 to 5 00
Callas	doz., 2 00
Harrisii	doz., 3 00 to 3 50
Paper Whites, Romans	3 00 to 4 00
Mignonette	8 00 to 6 00
Marguerites	1 50 to 2 00

	Per 100
Stevia	$ 1 50 to $2 00
Mahonia Sprays	1 00
Leucothoe	75
Adiantum	1 00 to 1 25
Smilax	15 00 to 18 00
Asparagus Strings	50 00
Asaragus Sprays	2 00 to 4 00
Sprengeri	2 00 to 3 00
Sprengeri, Long	4 00 to 6 00
Galax, Green	per 1000, $1 25; per 100, 15
Galax, Bronze	per 1000, 1 50; per 100, 20
Ferns	per 1000, 2 00; per 100, 25

Write us for special prices on "NICO-FUME" and all Florists' Supplies; we are prepared to sell goods.

KENNICOTT BROS. CO.

Wholesale Commission Florists

40-42-44 Randolph Street, CHICAGO

L. D. Phone Central 466.

PETER REINBERG

51 Wabash Ave., CHICAGO, ILL.

CHRISTMAS PRICE LIST.

BEAUTIES.	Per doz.
Extra long	$12.00
36-inch stems	10.00
30-inch stems	8.00
24-inch stems	8.00
20-inch stems	6.00
18-inch stems	5.00
15-inch stems	4.00
12-inch stems	3.00
Short stems	$1.50 to 2.00

	Per 100
BRIDES, good	$10.00 to $15.00
" medium	6.00 to 8.00
MAIDS, good	10.00 to 15 00
" medium	6.00 to 8.00
LIBERTY, extra select	25.00
" select	20.00
" good	15.00
" medium	8.00 to 12.00
" short	6.00
CHATENAY, extra select stems, 30-inch or over	20.00
" select	15.00

	Per 100
CHATENAY, good	$12.00
" medium	$8.00 to 10.00
" short	5.00 to 6.00
SUNRISE, extra select	20.00
" select	15.00
" good	12.00
" medium	$8 00 to 10.00
" short	5.00 to 6.00
UNCLE JOHN, good	10.00 to 15.00
" medium	6.00 to 8.00
PERLE	6.00 to 10.00
CARNATIONS	6.00

ROSES—Our Selection, short to medium stems, all fresh stock, $6.00 per 100.

NO CHARGE FOR PACKING. PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

WIETOR BROS.

51 Wabash Ave., Chicago

Wholesale Growers of CUT FLOWERS

CHRISTMAS PRICE LIST

BOOK ORDERS EARLY.

American Beauty		
Extra long stem	per doz.,	$12 00
36-inch stems	"	10 00
30-inch stems	"	9 00
24-inch stems	"	8 00
20-inch stems	"	6 00
18-inch stems	"	5 00
15-inch stems	"	4 00
12-inch stems	"	3 00
8-inch stems	per doz.,	$ 1 50 to 2 00

Meteor	per 100,	$12 00 to $15 00
Bridesmaids	"	10 00 to 15 00
Bride	"	10 00 to 15 00
Ivory	"	10 00 to 15 00
Liberty	"	6 00 to 25 00
Golden Gate	"	10 00 to 15 00
Perle	"	6 00 to 10 00
Carnations, good	"	5 00
" fancy	"	6 00
" extra fancy	"	8 00 to 10 00
White Mums	"	2 50 to 3 00

All other stock at lowest market rates. The above prices are for select stock. Extra select or inferior stock billed accordingly.
No charge for packing. Prices subject to change without notice.

A Happy and Prosperous NEW YEAR!

A HAPPY and prosperous new year awaits the florist who buys from us, because he will be saved the worry of uncertainty and he will be given the certainty of the best goods at the least prices.

We are shipping specialists, growing flowers only for the shipping trade and growing only such flowers as are particularly suited for shipment.

We have what is universally conceded to be the best plant, equipment and organization in the country for the handling of this class of business and we handle no other class.

Ours have been the finest Roses in the market this season, and for many seasons past and this is equally true of our other flowers, as is shown by our large and steadily increasing business with our old customers and with new ones.

We treat every one of our customers as if he were the only "one" we had and we are building our business by helping our customers build their businesses. What helps our customers must necessarily help us, as our customers really constitute our business.

If you should like to do business on this basis, we would be glad to have you write us about it.

WEILAND & RISCH,

Leading Western Growers and Shippers of Cut Flowers,

59 Wabash Ave. Greenhouses, Evanston, Ill. CHICAGO.

Mention The Review when you write.



HAVE YOU USED THE

Perfect Flower Pot Handle and Hanger?

It is just the thing for you to display your plants by hanging them on walls, etc., especially when you are crowded for room. Also for lifting plants out of Jardinieres; will sustain a weight of **one hundred pounds.**

No. 1 will fit from 2 to 5-inch pots..... per doz., 30c
No. 2 will fit from 5 to 8-inch pots..... " 40c
No. 3 will fit from 8 to 12-inch pots..... " 50c
By mail, 10c extra per doz. Sample pair 10c, postpaid.

W. C. KRICK, 1164 Greene Ave., Brooklyn, N. Y.

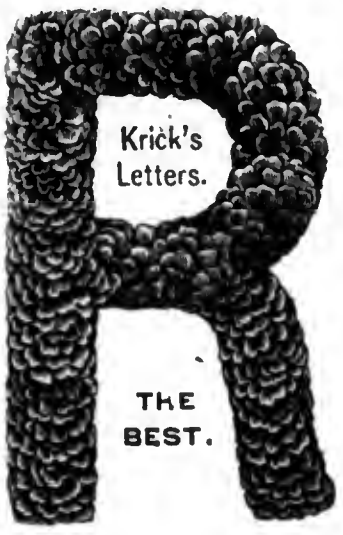
USE KRICK'S Florists' Immortelle Letters, Inscriptions, etc.

Highest Awards Wherever Exhibited.

These Letters and Designs are made of the best Immortelles, wired on wooden frames, having holes drilled in them to insert tooth-picks by which they are fastened in the design.

Give them a trial. You will find these Letters to be **superior to any in the market.**

1½-inch Letters and Figures..... per 100, $2.50
2-inch Letters and Figures..... " 2.50
2½-inch Letters..... " 3.00
Add 10c per 100 on 2 and 2½-inch Letters if by mail.



For CHRISTMAS

WHOLESALE CUT FLOWERS.

AMERICAN BEAUTIES of the best quality and largest quantity. Take all orders you can and send **your** order to me. I have the Beauties and the best stock in Chicago, at the right price. I will have plenty of fine Tea Roses—will please the most particular buyer. My large supply of Carnations are of the best in the market. Send me your order and it will be filled with the right stock.

PRICE LIST—In effect December 19, 1904.

AMERICAN BEAUTIES.

NOTICE—When you order Beauty Roses by wire use the alphabet.

	Per Doz.
Select 36-inch or longer—X	$12.00
" 30-32-inch—A	10.00
" 28-inch—B	9.00
" 24-inch—C	8.00
" 21-inch—D	7.00
" 18-inch—E	6.00
" 15-inch—F	5.00
" 12-inch—G	3.00
Select 10-inch—H	$ 2.00
" 8-inch—S	1.50
Short Stem—M	1.00

CARNATIONS.

	Per 100
Pink and White, our selection	$4.00
Red, Pink and White, fancy	6.00
Red, Pink and White, extra fancy	8.00

ROSES.

	Per 100
Maids	$8.00 to $15.00
Brides	8.00 to 15.00
Golden Gates	8.00 to 15.00
Meteors	8.00 to 15.00
Ivory	8.00 to 12.00
Liberty, extra fancy	8.00 to 15.00
Liberty, extra fancy...per doz.	2.50 to 3.00

The above price for select stock; when cheaper stock is wanted it can be supplied for 4c and 6c.

NOTICE—No complaints will be entertained, when the cheapest grades are ordered, such as our selection in Carnations and the cheaper Roses, we use our best judgment in selecting. If sold out will send next best grade.

NO CHARGE FOR BOXES. ALL OTHER FLOWERS AND GREEN GOODS SUPPLIED.

GEORGE REINBERG, 51 Wabash Ave., CHICAGO.

C. W. McKELLAR

HEADQUARTERS FOR

Long Distance Phone, Central 3598

51 Wabash Avenue, CHICAGO.



ORCHIDS

and all Fancy Flowers
Holly, Green and
Decorative Stock

SEND FOR COMPLETE PRICE LIST.

For Christmas!

Christmas Price List takes effect Monday, December 19.

ORCHIDS, a specialty	Per doz.
Cattleyas	$7.00 to $10.00
Dendrobium Formosum	5.00 to 6.00
Ass't Orchids...per bx.,	5.00 to 25.00
Beauties, Extra Fancy	12.00
" 24 to 36-in. stems	8.00 to 10.00
" 15 to 20-in. stems	4.00 to 6.00
" 8 to 12-in. stems	1.50 to 3.00
Brides, Maids, Ivory...per 100,	$10.00 to $15.00
Liberty "	8.00 to 25.00
Chatenay, Sunrise "	8.00 to 20.00
Perles, Gates "	10.00 to 15.00

	Per 100
Roses, my selection	$6.00 to $8.00
Carnations, large fancy	8.00 to 10.00
" medium, good stock.	5.00 to 6.00
Valley, select	3.00 to 4.00
Paper Whites, Romans	3.00 to 4.00
Stevia	1.00 to 1.50
Mignonette	4.00 to 6.00
Marguerites	1.00 to 2.00
Violets	2.00 to 3.00
Poinsettias...per doz.,	4.00 to 6.00
" small "	3.00 to 4.00

	Per 100
Callas, Harrisii	$15.00 to $20.00
Greens, Smilax Strings, per doz.	2.00
Asparagus strings...each,	.40 to .50
" Plumosus, Sprengeri, bunch	.25 to .35
Adiantum	1.00 to 1.50
Ferns, common ...per 1000	2.00
Galax, Green, Bronze, "	1.00 to 1.50
Leucothoe Sprays	.75
Red Berries...per case,	1.00 to 3.00
Mistletoe...25c per lb.,	25 lbs., 5.00
Wild Smilax...per case,	$3, $4, $5, $6

Early orders requested. All telegraph and telephone orders given best possible attention. All flowers in season. Prices subject to change without notice.



IF YOU LIKE THIS PICTURE FRAME IT.

If you like the new Asters, Benthey's White and Benthey's Pink, frame up an order at once and send it to us.

If you do not know anything about these Asters frame up an inquiry and we will tell you all about them.

PRICE LIST.

Trake package	$1.00	½-Oz., White or Pink	$4.50
¼-Oz., White or Pink	2.50	1 Oz., White or Pink	8.00

THE BENTHEY-COATSWORTH CO.

WHOLESALE FLORISTS, 35 Randolph St., CHICAGO.

THE USUAL ABUNDANCE OF

Good Flowers

All Varieties will be in Stock for Christmas and may be had at market prices by ordering from

JOHN I. RAYNOR

49 West 28th St. NEW YORK.

Write early for prices on regular and fancy varieties of Roses and Carnations, Violets, Lily of the Valley, Lilies, Narcissus and Roman Hyacinths.

THE ENTIRE STOCK of many of the Largest and Best Growers is Handled Here.

TELEPHONE, 1998 MADISON SQUARE.

At the Time we Greet you with a

MERRY CHRISTMAS

We also greet you with a fine cut of stock in all lines. We shall be cutting heavily and quality best in the market. We are in excellent shape to take good care of a big Christmas business but would suggest booking orders early. Then wire or phone if you find yourself running short.

Christmas Price List

Subject to change without notice.

BEAUTIES	Per Doz.
Long and fancy	$12.00
80 36-inch stem	8.50 to 10.00
18-24-inch stem	4.50 to 8.50
12-15-inch stem	2.50 to 4.50
Short	1.50 to 2.50
BRIDES AND MAIDS	**Per 100**
Fancy	$12.00 to $18.00
Good stock	6.00 to 10.00
METEOR AND CHATENAY	
Fancy	12.00 to 20.00
Good stock	8.00 to 10.00
GOLDEN GATE	
Fancy	12.00 to 15.00
Good stock	6.00 to 10.00

CARNATIONS	Per 100
Extra fancy	$ 6.00 to $10.00
Fancy	5.00 to 6.00
Common	3.00 to 5.00
Poinsettias, $4.00 to $6.00 per doz.	
Valley	3.00 to 5.00
Callas, $2.00 per doz.	
Romans and Paper Whites	3.00 to 4.00
Violets, double	2.00 to 3.00
Violets, single	1.50 to 2.00
Galax, $1.25 to $1.50 per 1000.	
Smilax, $1.50 to $2.00 per doz.	
Ferns, $2.00 per 1000.	
Asparagus, strings or bunches, 35c to 75c each.	
Adiantum	1.00 to 1.50

J. A. BUDLONG, Grower and Wholesaler of Cut Flowers.

37-39 RANDOLPH ST., Long Distance Phone, Central 3120 AUTOMATIC 9923 CHICAGO.

Sigmund Geller

Fastest Growing Supply House,

110 West 28th St. Telephone 1747-J Madison. Ground Floor Conveniences for City Florists. **NEW YORK CITY**

Red Paper Christmas Folding Bells, as Good as the Best.

Not to be Compared with Cheap Domestic Bells in Market.

COMPLETE STOCK. Prompt Shipments. No Delay.



OPEN.



FOLDED.

Full Line of Christmas Supplies. Wire Your Requirements.

6-inch, $1.25 doz.; 9-inch, $2.50 doz.; 12-inch, $5.00 doz. Can't be beaten. Jobbers please apply for discount.

GRASS GROWING PIGS Very amusing and interesting. The latest novelty. SELLING WHEREVER SHOWN.

Novel Bark Goods, wonderfully popular; Waterproof Japan Two-Tone Silk Crepe Paper; Embossed Plain Plaited and Crepe Paper.

NOVELTIES which will turn out regular money-makers for the scores of my customers, obtained at our annual European scouring tour and at hand Now.

FULL LINE OF RIBBONS AND CHIFFONS.

SINNER BROS.

58-60 Wabash Ave.
CHICAGO.

GIVE US YOUR CHRISTMAS ORDER

Being located in the Growers' Market, with large supplies from our own greenhouses and the stock of two-score of the best growers to draw upon, we have facilities second to none for the prompt and satisfactory handling of shipping orders.

CHRISTMAS PRICE LIST

American Beauties.

	Doz.		Doz.
Long stem..	$12 00	20 in. stem...	$6 00
30 in. stem..	10 00	15 " ...	4 00
24 " ..	8 00	12 " ...	3 00

Short stem, per doz., $1 50

Brides	per 100,	$12 00 to $15 00
Maids	"	12 00 to 15 00
Meteors	"	12 00 to 15 00
Liberty	"	12 00 to 20 00
Golden Gates ...	"	12 00 to 15 00
Ivory	"	12 00 to 15 00
Chatenay	"	12 00 to 15 00
Carnations fancy	"	8 00
Carnations, good	"	5 00 to 6 00
Ferns	per 1000	2 00

All other stock in season at current market rates; prices subject to change.

Give us your Christmas order now, you won't be disappointed.



Winterson's Folding Bell Open.

Christmas BELLS.

EVERYBODY WANTS THEM

ORDER NOW

WHILE OUR STOCK IS COMPLETE



Winterson's Folding Bell. Closed.

WINTERSON'S FOLDING CHRISTMAS BELL THE MOST POPULAR NOVELTY

of the season. Per doz.—6-in., $1.80; 9-in., $3.75: 12-in., $7.50.

The Bell that will sell to the "Elite" trade and is not to be compared with the poorly made tissue paper stock which has flooded the market. Last year we could not get enough of the above to supply the demand.

ALPHA CHRISTMAS BELLS.

Made of stiff cardboard and covered with red dyed sawdust. Perfect and graceful in shape, bright and attractive. 2½-inch, for use in connection with Holly and Green Wreaths, 75c per doz., sample free. 4½-inch, $2.50 per doz. 5½-inch, $3.50 per doz. 9-inch, $7.00 per doz. Write for complete holiday circular. It is replete with money makers for Christmas Sales.

E. F. Winterson Co.

45-49 Wabash Ave. Chicago.

HAVE YOU TAKEN NOTE OF THE WAY THE STOCK FROM

POEHLMANN

SWEPT THE DECKS AT THE BIG FLOWER SHOWS?

AT CHICAGO:
11 Rose Entries. 11 1st Premiums.
A TOTAL OF
30 Entries and 27 Premiums.

If you want the best stock the market affords, now you know where to get it.

LET US HANDLE YOUR STANDING ORDERS THIS SEASON.

AT ST. LOUIS:
6 Rose Entries. 6 Premiums.
A TOTAL OF
17 Entries and 15 Premiums.

CHRISTMAS PRICE LIST

	Per Doz.
AMERICAN BEAUTY—	
Extra long stem	$12 00
36 inch stem	10 00
30-inch stem	9 00
24-inch stem	8 00
20-inch stem	6 00
18-inch stem	5 00
15-inch stem	4 00
12 inch stem	3 00
Short stem	$1 50 to 2 00

	Per 100
CHATENAY—Extra Special	$25 00
" Select	20 00
" Good	15 00
" Medium	$8.00 to 12 00
" Short stem	6 00
LIBERTY—Extra select	$25 00
" Select	20 00
" Good	15 00
" Medium	$8 00 to 12 00
" Short stem	6 00
BRIDESMAID—Special	20 00
" Select	$10 00 to 15 00
" Medium	6 00 to 8 00
BRIDE—Select	10 00 to 15 00
" Medium	6 00 to 8 00
UNCLE JOHN—Select	10 00 to 15 00
" Medium	6 00 to 8 00
SUNRISE—Select	$10 00 to $15 00
" Medium	6 00 to 8 00
PERLE	6 00 to 10 00
CARNATIONS	5 00 to 6 00
" Fancy	8 00
ASPARAGUS—Sprays	4 00
" Strings, 50c to 60c each.	
" Sprengeri	$3 00 to 4 00
STEVIA	2 00
VALLEY, ROMANS	$3 00 to 4 00
NARCISSUS	4 00
SMILAX	$1 50 to $2 00 per doz.

ALL OTHER STOCK AT MARKET PRICES.

POEHLMANN BROS. CO.,

35-37 RANDOLPH STREET, Chicago

L. D. Phone Central 3573.

GREENHOUSES: MORTON GROVE, ILL. 600,000 FEET OF GLASS.

Ferns, Galax Leaves and Leucothoe Sprays

...Our... Specialties

Everything in Green Goods, Holly, Princess Pine, Laurel; also Wreaths and Roping. Prices reasonable. Quality the best. Christmas Goods for Florists, not only in New York, but all over the United States. Stands at 34th Street Cut Flower Exchange and at Coogan Building, West 26th Street and 6th Avenue.

N. Lecakes & Co.

Headquarters, 53 West 28th St. TELEPHONE, 1214 MADISON SQUARE New York City.

Our New Cut Flower Department

John A. Foley, Manager,

Has developed rapidly and promises to become a very important addition to our business. We invite the confidence of out-of-town florists and

Have EVERYTHING for Christmas

Remember the address and telegraph or write us to-day.

Your CUT FLOWERS, SMILAX, ASPARAGUS, GALAX, FERNS and Everything You Need can come in the same Shipment.

LET US BOOK YOUR ORDER NOW and be in Time for the Holidays

TELEGRAPH YOUR NEEDS FOR CHRISTMAS

Mention The Review when you write.

George Cotsonas & Co.

Wholesale and Retail Dealers in All Kinds of



EVERGREENS



FANCY AND DAGGER FERNS.

Main Store: 45 WEST 29th STREET,
Branch Store: 55 West 28th Street,
PHONE 1202 MADISON SQUARE.

New York City

BRONZE AND GREEN GALAX.

LEUCOTHOE SPRAYS, PRINCESS PINE, HOLLY, ETC.

To our customers everywhere we wish a Merry Xmas.

We ship to all parts of the United States and Canada.

Mention The Review when you write.

You will find all the best offers all the time in the Classified Advertisements of the Florists' Review.

SUZUKI & IIDA

31 Barclay St., NEW YORK.

LAST CALL

FIRST-CLASS COLD STORAGE LILY OF THE VALLEY PIPS

3000 in a Case.



Sold only in Case Lots.

AN ORDER BY TELEGRAPH SUGGESTED. THERE WILL NOT BE A CASE LEFT AT CHRISTMAS.

PRICE ONLY $25.00 PER CASE.

AVAIL YOURSELF OF THIS OPPORTUNITY. TELEGRAPH OR WRITE

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31 Barclay St., NEW YORK.

HINODE FLORIST CO.

FIFTH STREET, **WOODSIDE, N. Y.,** AND **WHITESTONE, L. I.**

A LARGE VARIETY OF CHRISTMAS BLOOMING PLANTS, INCLUDING

IN POTS LILIES IN POTS

POINSETTIAS



ARDISIAS

TINY PLANTS IN 1, 2 AND 3-INCH DECORATED JAPANESE POTS, $15.00, $20.00 AND $25.00 PER 100.

A BEAUTIFUL NOVELTY FOR THE HOLIDAYS. AND

AZALEAS IN BLOOM JUST IN TIME FOR CHRISTMAS

☞ **COME EARLY AND MAKE YOUR OWN SELECTION.** ☜

ADDRESS ALL CORRESPONDENCE TO WHITESTONE, L. I.

HINODE FLORIST CO.

REED & KELLER

122 West 25th Street, **New York.**

Our Own Original and Exclusive Holiday Novelties.

Golf Sets for Chrysanthemums and American Beauties.
Gypsy Kettles and Tripods.
Decorated Wooden Shoes. Wooden Shoes Plain.
Lichen Unique Novelties.
Mail Pouches for Violets.
Leaf Staples. Stackalites.
Immortelle Bells, Wreaths, Stars, Etc.
Plushine Bells, Balls, etc.
Folding Bells, Domestic.
Folding Bells, Imported.
Folding Balls, Imported.

We are the largest importers and manufacturers of Bells and Paper novelties in the United States.
WIRE YOUR REQUIREMENTS FOR THE HOLIDAYS AND WE WILL SHIP WITHOUT DELAY.

We take this opportunity of extending to our numerous friends the compliments of the season, and also thank them for their kind and appreciative patronage during the year which has brought us the most successful season in our long career.

REED & KELLER, 122 W. 25th St., New York.



CHRISTMAS GREETINGS

FROM

CHARLES MILLANG

WHOLESALE FLORIST { 50 WEST 29th ST. Tel. Nos. 3860-3861 Madison Sq. } NEW YORK CITY

WE WISH BOTH OUR GROWERS AND PATRONS "A HAPPY NEW YEAR."

Nothing more attractive for growers in New York than our improved facilities for handling CUT FLOWERS of every description.



COME AND SEE US! Visit our convenient Headquarters and be convinced. The highest prices and prompt payments guaranteed our growers. We invite criticism and investigation. We open every morning at 6 o'clock. Our "Early Market" is for the special convenience of our Retail Patrons.

A Special department, very light and well ventilated, for the display of immense quantities of

Lilies,
Violets,
Roses,
Carnations

and every seasonable Christmas Flower.

Plant Growers having CYCLAMENS, POINSETTIAS, ARDISIAS, LILIES or other POPULAR HOLIDAY PLANTS are requested to call or write. A quick and safe market and sure money.

Our Conservatories always stocked with Choice Plants, Palms and Flowering Stock of every description for the convenience of our city patrons. Shipments made daily to any part of the country. We have made every preparation for double the business of any year in our history. **Central Location**—No need to spend time going to Greenhouses. Select your Holiday Plants at the **Only Wholesale Plant House in New York City.**

SAVES TIME. SAVES MONEY. SAVES TROUBLE. REMEMBER THE ADDRESS

CHARLES MILLANG,

50 West 29th St. Telephones, 3860-3861 Madison Square, NEW YORK CITY

REED & KELLER

122 West 25th Street, **New York.**

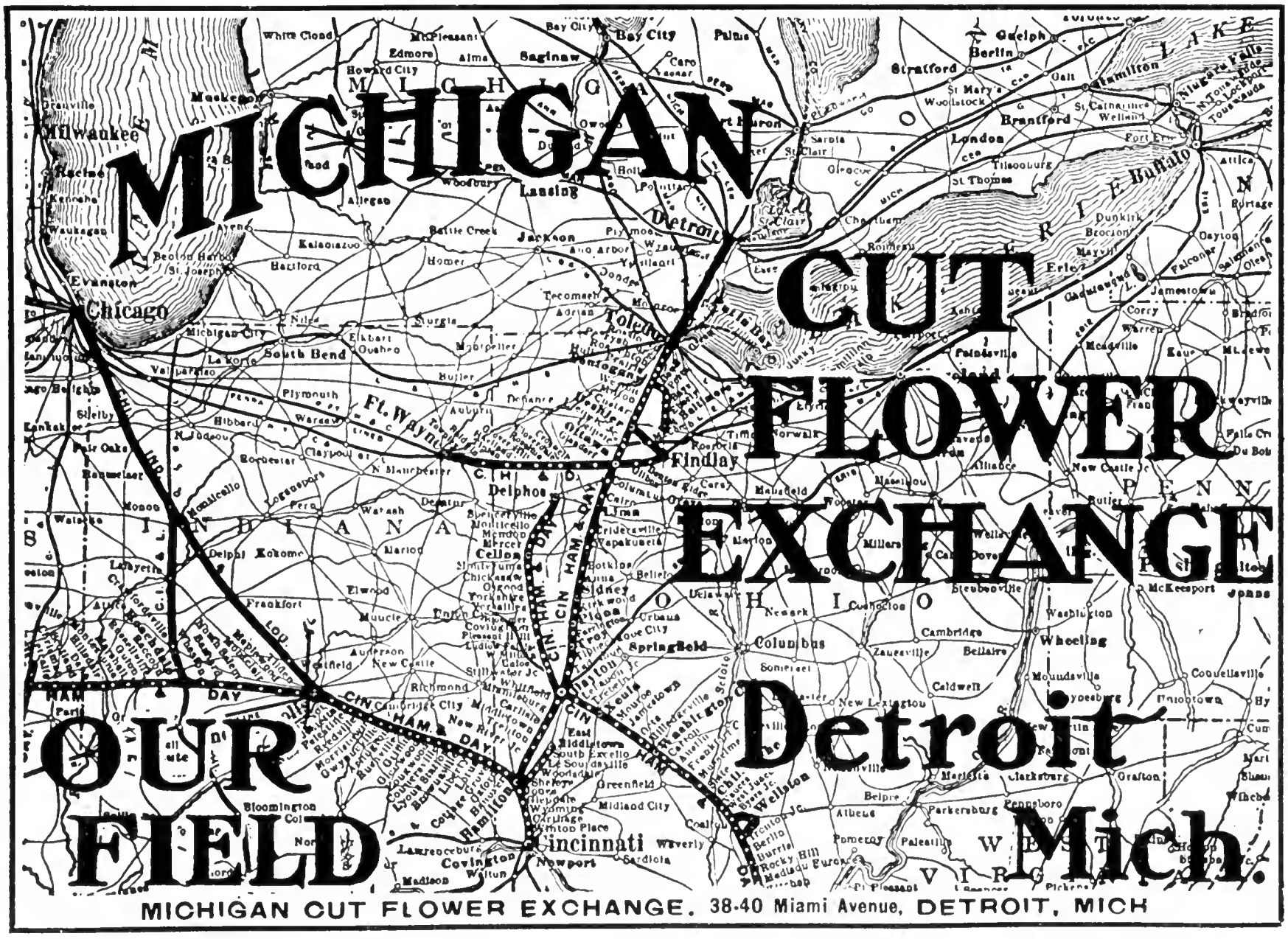
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CHARLES MILLANG,

50 West 29th St. Telephones, 3860-3861 Madison Square, NEW YORK CITY

THE RIBBON HOUSE

SCHLOSS BROTHERS

533 BROADWAY, NEW YORK.

Christmas Greetings and a Happy New Year to all our freinds.

Mention The Review when you write.

1871 **James Hart** 1904

(THE ORIGINAL PIONEER HOUSE)

Commission Dealer in CUT FLOWERS, 117 W. 30th St., (Near Sixth Ave.) Phone 626 Madison Square. **New York**

Everything in Cut Flowers from the Best Growers.

A MERRY CHRISTMAS TO ALL MY FRIENDS OF Thirty-three Years in the Wholesale Cut Flower business in New York. And many more of them.

Mention The Review when you write.

JAMES A. HAMMOND

WHOLESALE COMMISSION FLORIST

113 W. 30th Street, Telephone 854 Madison Sq. **NEW YORK CITY**

CHRISTMAS GREETING

Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.

Our Christmas Specialty FINE ORANGE TREES 1000 OF THEM. Price from $1 up. Come and see them.

POINSETTIAS, - - - - - - - - - - $35.00 to $40.00 per 100.

Mention The Review when you write.

JOSEPH S. FENRICH

WHOLESALE FLORIST

Telephone No. 325 Madison Square. **48 West 30th St., NEW YORK CITY**

THE RELIABLE HOUSE

Every variety of Cut Flowers in season. Roses, Beauties, Violets, Valley, Lilies, Carnations, Asparagus, Smilax, and Orchids. My growers are among the best in the country. I build my success on the foundation of square dealing, prompt payments, and fair play to all. I ask a share of your confidence. **CONSIGNMENTS SOLICITED.**

OUR CHRISTMAS GREETINGS

Mention The Review when you write.

F. H. TRAENDLY Telephones 798-799 Madison Square CHAS. SCHENCK

TRAENDLY & SCHENCK

44 W. 28th St., NEW YORK CITY

Tennyson said about the old year:

"He frothed his bumpers to the brim,
A jollier year we shall not see;
But tho' his eyes are waxing dim,
And tho' his foes speak ill of him,
He was a friend to me."

We certainly cannot "speak ill of him;" he was "a friend" to us.

A more successful year we have not seen, and so we take this opportunity of saluting our friends and customers with the compliments of the season, and wishing one and all

A MERRY XMAS
and a
HAPPY NEW YEAR.

OUR FLOWERS

Are the product of establishments that CAN BE DEPENDED UPON to supply bloom of unexcelled quality EVERY DAY IN THE YEAR. Splendid stock is now coming in and the holiday crop will be JUST RIGHT. Look up your last year's Christmas trade and figure out your needs for this year. If you want BEAUTY, BRIDESMAID, BRIDE, LIBERTY, GOLDEN GATE, or IVORY ROSES, LILIES, VIOLETS, ORCHIDS, ASPARAGUS, CARNATIONS—WHITE OR COLORED, POINSETTIAS, HYACINTHS or NARCISSI, we are prepared to furnish what you require, all GOOD MATERIAL and REASONABLE PRICES. We are the only house in New York handling Mme. Abel Chatenay and Uncle John roses in quantity. But don't put is off until the last. Let us hear from you NOW, please.

TRAENDLY & SCHENCK



CALDWELL THE WOODSMAN.
The Man that gave you the Wild Smilax.

Special Christmas Offer:

SOUTHERN DECORATIVE EVERGREENS

WE OFFER:

1 Case No. 6 Southern Smilax,
1 Case No. 6 Holly,
1 Doz. Chamærops Palm Crowns, assorted sizes,
25 Long Needle Pines, assorted sizes, extra select,
50 Cut Sabal Palm Leaves,
50 Cut Chamærops Palm Leaves.
For $10 00 cash with order.
Half the above list will be sent for $6 .00.

MAGNOLIA FOLIAGE.

Beautiful evergreen, fine for making wreaths sell well at Xmas, and for decorating. Packed in same size cases as Wild Smilax, containing from 100 to 600 sprays. Same price per case.

CURRENT PRICES.

SOUTHERN WILD SMILAX.

Packed in six different sizes.

	Weight	Covers, wall space	
No. 1,	15 lbs.,	100 square feet.....	$1.00
No. 2,	20 lbs.,	200 "	1.50
No. 3,	25 lbs.,	300 "	2.00
No. 4,	35 lbs.,	400 "	2.50
No. 5,	40 lbs.,	500 "	2.75
No. 6,	50 lbs.,	600 "	3.00

LONG NEEDLE PINES.

Splendid selling for church and house decorations at Christmas season. Stand lots of handling; will not wilt, fade or shop-wear easily; selected stock; ends of stems covered with tin foil. Price per doz.; assorted sizes, 3 to 5 ft., $1.50; per 100, $8.00; per 1000, $75.00.

CHAMÆROPS PALM CROWNS.

Invaluable for all kinds of decorations, and always in demand. Our stock is extra fine, and we can supply mammoth specimens up to 10 ft. high. Price per doz., assorted sizes 3 to 6 ft., $3.00; weight per dozen packed, 40 lbs. Extra large specimens, 7 to 10 feet, 50c to $1.00 each.

CHAMÆROPS PALM LEAVES.

We are cutting extra large long-stemmed leaves, the finest we have had in years. $2.50 per 100.

SABAL PALM LEAVES.

Ranging in size from 24 to 48 inches in width, stems 2 to 3 ft. long $2.50 per 100. Weight 40 lbs.

HOLLY.

While the crop of Delaware Holly is reported short and of very poor quality we have one of the largest crops we have had in years. And we wish to say that no finer stock can be gotten than we supply. Large or small branches, as you wish. 16 cubic foot cases solidly packed, $5.00, freight paid to your door; ½ cases $3.00.

MISTLETOE.

Mistletoe is in greater demand every year. Ours is the finest on the market.

Caldwell's Druid Brand. Quality not quantity. Price, 5 lbs., $2.00; 10 lbs., $3.00; 25 lbs., $7.00.

Galax Leaves, green or bronze, per 1000.....	$1.00
Fancy Ferns, per 1000.....	1.00
Dagger Ferns, per 1000.....	1.00
Leucothoe Sprays, per 1000.....	5.00
" " per 100.....	1.00

Sheet Moss, $1 per bale of 100 square feet.
Grey Moss, $2 per sack of 25 lbs.

CALDWELL THE WOODSMAN CO., (Incorporated) EVERGREEN, ALA.

Until every florist in America
Knows us and knows our work, we shall
Never cease writing our weekly
Open letters telling what nearly all the
World knows, that our ideas are
Up-to-date and that our Christmas
Supplies prove beyond question that

The Leading Florists' Supply House of America is

M. RICE & CO.,

Ribbon Specialists,

MANUFACTURERS and IMPORTERS.

916-918 Filbert St. PHILADELPHIA.

Florists Plant Now

Gladioli Colvillei, "The Bride," pure white forcer	100 $0.65	1000 $6.00
Spiræa Japonica, large clumps, doz. 50c	3.75	
" Compacta mult., large clumps, doz., 60c	4.50	
" Astilboides flor., large clumps, doz., 75c	5.00	
" Superba or Gladstone, doz. $1.25	8.50	
Last call for extra fine, late dug Lil. Longiflorum, fine **for Easter.**		
Early Multiflorum, 6x8	3.00	28.00
" " 7x9	4.50	42.00
Amaryllis Belladonna, very large bulbs, forces fine, color beautiful rose,	12 75c	100 $5.00

—ADDRESS—

H. H. BERGER & CO.

47 Barclay St., NEW YORK.

Mention The Review when you write.

L. BAUMANN & CO.

IMPORTERS AND MANUFACTURERS OF

Florists' Supplies

76-78 Wabash Ave., CHICAGO.

Write for our new catalogue F, our prices may interest you.

Mention The Review when you write.

Tel. 3053 Madison Square.

Hanfling & Kleppner,

Manufacturers and importers of all kinds of

Basket Novelties Our Specialty, Pot Covers

Call now and save money by securing your Christmas supplies.

114 West 28th Street, Between 6th and 7th Aves., **New York.**

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

Attention!! Just Arrived!

	Per 100.
Boxwood pyramids, 4-ft	$150.00
" " 3 ft	100.00
" for pots, fine stock	25 00
Rhododendrons, hybrida, for forcing	50 00
" " larger size, $75.00 &	100.00
Azalea mollis, well budded	25.00
" " standards	50 00
" " extra	75.00
Deutzia gracilis, fine stock	13.00
" Lemoinei	15.00
Hydrangea pan. grandifl	15 00
Lilacs, leading var	45 00
Aristolochia Sipho, extra fine	45.00

	Per 100.
Dielytra spectabilis, fine roots	$ 7.50
Magnolia in var., large plant	150.00

ROSES

Crimson Rambler, extra	$15.00

H. B., etc., rosea, as long as stock on hand, per 100, $10 00. In the following varieties: Ulrich Brunner, American Beauty, Anne de Diesbach, Baronne de Rothschild, Coquette des Alpes, General Jacqueminot, General Washington, La France, Mabel Morrison, Magna Charta, Mrs. John Laing, Prince C. de Rohan, Paul Neyron, Paeonia, Reine, Marie Henrietta, etc.

SPECIMEN PLANTS of Picea pungens glauca Koster and other varieties always on hand.

Special low prices on all surplus bulb stock, azaleas, camellias, etc., cheerfully given by

F. W. O. SCHMITZ, Prince Bay, N. Y.

Mention The Review when you write.

H. Bayersdorfer & Co.

FLORISTS' SUPPLIES,

See our Advertisement on Page 221.

50 to 56 N. 4th St., **Philadelphia.**

Mention The Review when you write.

REED & KELLER,

122 W. 25th St., NEW YORK, N. Y.

Importers and Manufacturers of

FLORISTS' SUPPLIES.

Galax Leaves and all Decorative Greens.

Agents for CALDWELL'S PARLOR BRAND WILD SMILAX

Mention the Review when you write.

JOS. G. NEIDINGER,

1226 Poplar St., **Philadelphia.**

OUR SPECIALTIES:

Wax Flowers, Wax Flower Designs,

WHEAT SHEAVES,

Wicker Pot Covers, Plant Stands.

Mention The Review when you write.

AN OLD USER

Spring Valley, N. Y.—I have used your Fumigating Kind Tobacco Powder and can say it is cheap and very effective; not at all damaging to carnation blooms and easy to handle. I have used it about four years after trying many other bug killers, and like it the best. See page 234.

JOS. WOOD.

Mention The Review when you write.

THE RETAIL FLORIST.....

HOLIDAY SUGGESTIONS.

Embellishing the Plants.

Nowadays the arrangement, staging and decoration of plants is as important as the tasteful and delicate blending of colors in cut flowers. We have come to expect that everything that can put forth, or be made to put forth, a bloom stalk at Christmas must be top dressed with ribbons and petticoated in tissue paper. Already this craze has reached its limit, and this year we are seeing a healthy reaction. Now, instead of seeing a display of blooming plants bedecked with huge bows and hoods, we see, first of all, clean bright foliage and new or scoured pots, with saucers to each size, and plants stripped of every suggestion of loose or yellow foliage. Here and there one is placed in a modestly colored jardiniere, another has an olive-green crepe paper pot cover tied with baby ribbon to match the paper or blending with the color of the flower. Another has a wider ribbon, if the flower is not a showy one, with a neat rosette bow. In neither case is the paper cover very much higher than the top of the pot, and it is frilled out only a little. The lower part has the same finish and covers the outside edge of the saucer.

Sensible florists will provide the heavy water-proof paper which the supply houses offer for an occasion of this kind, thus guarding against the wilting down and discoloring which takes place the minute a drop of water touches the surface of ordinary crepe paper. One roll of paper will make a dozen plain covers for 6-inch or 8-inch pots. Cut in two lengthwise and each piece will be enough for six covers.

Pot Covers.

Many serviceable and neat covers can be bought ready for use, in different sizes, with elastic bands and colored linings which are fringed at the top. The latter feature is the main objection to this style.

Some amateurishly-figured materials have been observed in pot covers. These are not at all to be recommended, even for flowerless plants. The safest color for a pot cover for any plant is the plain dark olive-green without lining. Then there is no objection to using a not too brilliant bow of ribbon to tie.

Birch bark pot covers are especially good, both on account of the modest grey and brown coloring and their durability. There is nothing prettier for an araucaria than this rustic setting.

Get in the touches of brilliant color on the ferns, araucarias and palms, which have no flowers to brighten them. A new pot cover of this kind is made as follows: First cover the pot with waterproof paper; then "tack" a few short pieces of well-berried holly on a short piece of sash ribbon in scarlet or olive-green of a width to match the depth of the pot and fasten around the pot with a short, bunchy bow at back. Water plants carefully and scantily after covering and decorating the pots.

Use Little Ribbon.

As a rule blooming plants should not be decorated above the pot. They are sufficient in themselves. Therefore approach the decorating of the plants themselves with fear and trembling. Select one here and there only. In most cases gauze ribbon in grey, pale yellow, white or light lavender or pink is best. Many of these neutral tints have a dainty stripe of a darker color running along the border. Make a fluffy bow of this material under the foliage of an azalea or pepper plant. Lavender or light green tulle looks airy and dainty among the soft green of the primrose foliage. The only bow permissible on an araucaria is one preferably of thin taffeta or gauze ribbon between the first two whirls, and only one. Many customers will, however, choose holly red ribbon for Christmas plants with which it harmonizes.

A word as to the displaying of plants. Avoid steps. Make groups, some low in clumps, others high on iron stands, with medium and low stands in front and around them, and set other plants on the floor in front. Then make a solid wall of say, Boston ferns as a background to other varieties. Of something like primroses or cyclamens make a border or a long line.

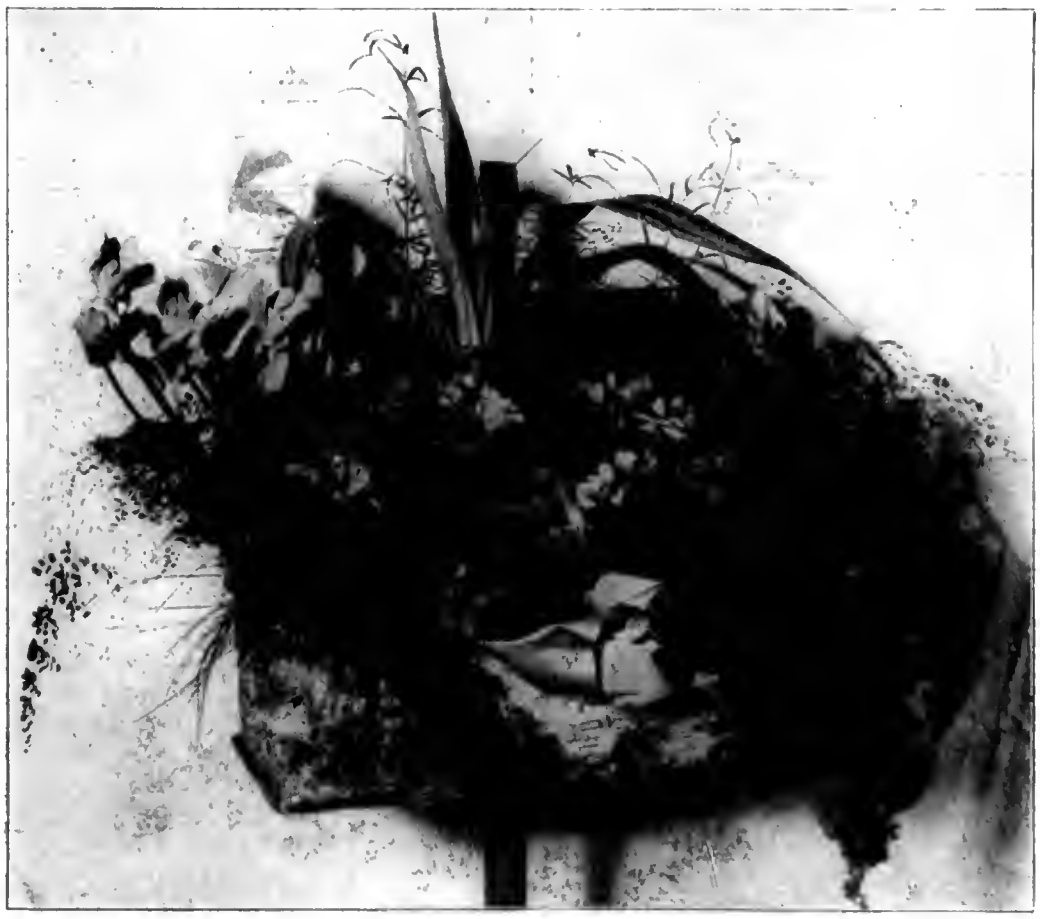
Baskets and Hampers.

Reverting to pot covers, there is one kind which should be largely used, and that is the basket cover. We see them in scarlet, green and soft yellows as well as pink. Use no ribbon with these, unless it be the green. Many of them are good enough to be provided with an inside zinc pan to catch and hold waste water. Hampers in large sizes are pretty receptacles for an assortment of foliage plants. The small sizes are suitable for flowers. Where a hamper is filled with plants a large bow may be used on the lid, if it is thrown back. Don't attempt to tie a ribbon around a hamper. It used to be a very general practice and is still done by many but the decorators in the east who set our floral fashions now recognize that it is in better taste omitted. No very tall plants should be used in this style of basket.

Where a tall palm is used with other plants in a large jardiniere or basket-cover, group a Boston fern or two, with two or three other kinds of ferns, like Pteris tremula and P. serrulata in a thick mat of foliage around the foot of the palm.

Ferneries can be filled either after the style of the preceding group of plants, with a Cocos Weddelliana in the center and low ferns around, or with an even low top. Cover the soil with a low growing lycopodium or club moss. Cocos Weddelliana in a half cocoanut shell suspended like a hanging basket is a taker for Christmas. Hang with three cords of scarlet or narrow ribbon.

Japanese hanging dishes of decorated china filled with long-leaved ferns are also attractive. Hand-painted china dishes of the same style may be suspended with cords or chains and filled in the same way. These china dishes are not drained, of course, and watering should not be overdone.



A Hamper of Christmas Plants Arranged by E. Wienhoeber Co., Chicago.

Wreaths and Gift Boxes.

There is considerable call for cemetery wreaths and bunches for Christmas, most of which perhaps are holly or lycopodium in some attractive form, with cut flowers. Besides the holly

wreath there is the plain lycopodium wreath with a scarlet bow, the red immortelle wreath with a spray of lycopodium under a tie of holly ribbon, a good large flat bunch of holly with red carnations, or white carnations with a scarlet bow, a cluster of California peppers on a lycopodium wreath with ribbon to match.

For the better class of gift boxes smart tags with a holly spray are to be had for the address. For the visiting card which goes inside the box a sharpened piece of holly may be drawn through one corner in two slits like a jeweler's mounting card.

Pleasing Combinations.

Many pleasing color combinations may be suggested for gift boxes, like these:

Holly lining inside the tissue or wax paper which lines the box, with Bradt carnations, poinsettias and stevia.

Square design box, lycopodium wreath with scarlet tie; fill in center of wreath with Roman hyacinths or valley; lay in loose, with stems one way under the wreath.

A fancy box lined with mistletoe, with violets, tied with gold cord, is a fetching combination. Use mignonette and scarlet carnations with holly; mignonette and Golden Gate or Bridesmaid roses; box lined with Florida moss, with crimson and Enchantress carnations; fern lined box with Bridesmaid, Bride and Golden Gate roses; Bridesmaid roses and Paper White narcissi.

Bridesmaid roses and Shasta daisies, Golden Gate roses and violets are good; also poinsettias, Paper Whites and scarlet carnations; Perle roses and Chinese lilies; scarlet, Bradt and white carnations and holly; salvia, white carnations and Florida moss; Harrisii, poinsettias and Paper Whites for tall vase pieces.

A red immortelle wreath with mignonette and white carnations makes a nice box, also purple pansies with Bridesmaid or Golden Gate roses; Lawson and white carnations; Lawson with Enchantress carnations; Bridesmaid or Golden Gate roses with Farleyense ferns.

For a lycopodium wreath with sprays of mistletoe all around, or as a lining, tie with a cluster of narrow scarlet ribbon bows. For the same with a cluster of red carnations tie with holly ribbon.

Combine Forget-me-nots, mignonette and Perle roses.

American Beauties need no other flower but are often tied with a big bow of ribbon matching the color. Liberty or Meteor roses may be used with Golden Gate. Adiantum Croweanum, mistletoe and Bride or Kaiserin roses make a fine box; Chatenay with Ivory or Bride roses; Sunset and Meteor roses.

White roses, white carnations or Romans, if left on hand, can be brightened with brilliant coleus foliage and holly tied with scarlet ribbon.

Tie the outside of the more expensive boxes with holly ribbon or a smart clip of holly in the tie of white or scarlet ribbon. Spread good impressions on the outside of the box as well as inside.

Bring one contrasting color literally under another and the effect will be to add to quantity. Throw a few of shorter stems end for end across the stems of longer stock.

Scarlet green and white are preeminently Christmas colors. Keep the blues, lavenders and yellows at a respectful distance.

Hang scarlet bells between festoons of lycopodium wreathing and tie with long loops of holly ribbon.

Tie pots of Begonia Gloire de Lorraine with narrow pink gauze ribbon. Group by themselves to have the best effect.

If possible let all cut flowers have an over-night stand in water. Clip the ends of the stems of flowers and greens as they are sent out. Gertrude Blair.



Christmas Basket of Cyclamens with California Pepper Berries.

Atlanta, Ga.—C. J. Reeve is now in charge as grower at the Brookwood Greenhouses, Peachtree road.

Wyebrooke, Pa.—J. P. Eisch, formerly of Lancaster, is now in charge of the Glen Gable Gardens here.

Winona, Minn.—Edw. Kirchner, Jr., the 19-year-old son of Edw. Kirchner, proprietor of the West End Greenhouse, has been admitted to the firm, which has been incorporated as Kirchner & Son.

BEGONIA LORRAINE.

How and when is the best time to propagate Begonia Gloire de Lorraine if bottom heat to an extreme degree is required?

When should lilac be brought in from the cold house for Easter forcing?

J. H.

If you can get a crop of nice young wood from your plants you should propagate at once and on all occasions whenever you can secure this class of wood. If you wish to adopt the method of leaf propagating, these will have to be inserted as soon as they have attained a proper condition of ripeness. This is indicated by the leaves assuming a bronzy tint. The greener and fresher looking leaves are more liable to damp off.

As Easter will be late, the time to bring lilacs into flower for that occasion will be considerably shortened; in fact, they will require little forcing at all. The beginning of March would be about the time to bring them in, placing them in a temperature of 50 degrees till the eyes break, when they can be subjected to a higher temperature as the leaves develop, if required. R.

TROUBLE WITH LILIES.

I'm in trouble with my Harrisii lilies. We potted them August 20, and the tallest ones are now eight inches high and the most of them four and six inches. There are only a few of them diseased and the plants seem healthy enough, only they have such a short-jointed growth. We have kept the temperature at 56 to 58 degrees. Is that too low? Does a damp atmosphere help them along? I have a patch of Japanese longiflorum coming up. What temperature for them? Would nitrate of soda be a good stimulant? If so, what proportion of nitrate of soda to water?

M. S.

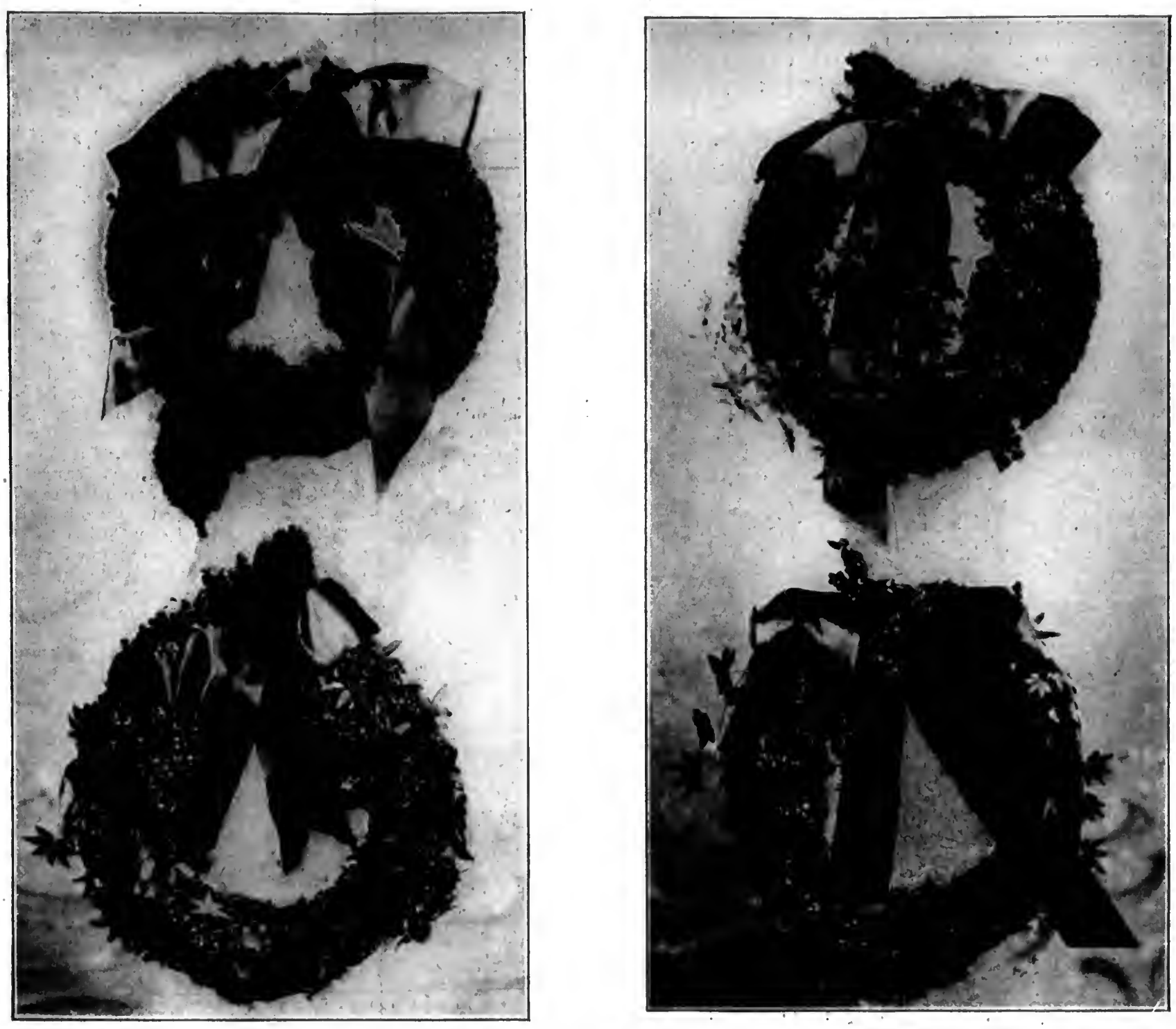
There is always more or less trouble with Harrisii lilies, especially the earlier potted ones, in regard to length of stem. Weed out all the diseased ones as soon as they appear and raise the temperature of the house to 60 or 62 degrees. Use a little weak manure water once a week, and, as the stems reach out, gradually increase the strength of it until it is of the color of beer.

The increase in temperature will also encourage the increase of green fly, which will require careful watching. Frequent and light fumigation will prevent them from making much headway, but this should be persisted in, whether they are visible or not.

Harrisii delights in a rather humid atmosphere till the buds begin to appear, when a drier atmosphere is necessary to give a firmer texture to foliage and bloom.

The longiflorums, if intended for Easter blooming, should not yet be showing above the surface. They will be early enough if brought into the house by the first week of January and placed in a temperature of 50 degrees till the stems have attained a height of four inches, when the temperature can be raised as high as 62 degrees, if the case demands.

Easter being so late in 1905, great care and judgment will have to be exercised not to allow them to get too far ahead. Remember it will be easier to push them along than it will be to re-



Decorated Immortelle Christmas Wreaths, Arranged by Geo. Stumpp, New York.

tard their growth during the first weeks of April. Nitrate of soda, being quick in its action, should only be used in small quantities and only when plants are making their best growth. One pound to fifty gallons of water is sufficiently strong for even such soft-wooded plants as L. longiflorum. R.

CINDERS—IDLE BENCH.

Is it advisable to use soft coal cinders in place of sand under pot plants on a bench? What would be best to plant in a carnation bench where the plants have died out? Would asters fill the bill, and what kind? E. S. F.

After long experience and careful observation I have found no material superior to coal ashes as a bed for small pots. Sand after a short time is liable to become muddy and is at all times liable to shift when watering is being done. So long as ashes are kept fresh there is little danger from earth worms, which are so destructive to drainage.

Where carnation crops have failed and the house is not suited for a stock house or where it cannot be utilized for bedding stock, a crop of cut and come again stocks of the Princess Alice variety can be made to pay. There are other crops, such as Gladiolus Mav and Blushing Beauty, mignonette and, even late as it is, Lilium longiflorum, which will pay better than asters. Any of the standard varieties of asters which are suitable for forcing may be used with success. R.

ADIANTUMS.

Can adiantums be grown with success under benches that are about half lighted? What is the treatment they need if grown on the benches? Do they need a temperature above or below 50 degrees? We have had no success with them at all. H. O. C.

Adiantums cannot be grown profitably or satisfactorily under the benches in a half lighted location, there being usually too much drip from the bench above, too many snails and other vermin on the ground beneath, and in addition to these disadvantages the fronds grown in so poor a light are too soft to be useful in cut flower work.

The culture of adiantums for cutting is very briefly stated as follows: Fill a bench to a depth of four or five inches with good rose soil, then plant strong young adiantums from 3-inch pots twelve to fifteen inches apart, this being preferably done in July in readiness for the following winter. Water in the newly planted stock, but do not get the soil sodden, thus giving the plants a chance to root better. Keep the glass shaded until about the middle of October, after which the full sunshine will be beneficial.

Ventilate quite freely as long as the weather will permit and, as the plants become established, water more freely, but avoid souring the soil, and as the days grow shorter be sure to water early in the day, so that the plants will dry off before night. The best temperature at which to grow these ferns is 60 to 62 degrees at night.

The worst pest one has to contend with in growing adiantums for fronds is the common snail and various remedies are suggested. Among the best is pulverized camphor sprinkled sparingly among the plants. An occasional dusting of slaked lime over the surface of the soil also discourages snails to some extent and is also beneficial to some soils.

W. H. TAPLIN.

BUTTE, MONT.—The new greenhouses at the Columbia Gardens were completed December 1.

HYDROCYANIC ACID GAS.

In a former communication I alluded to my experience in the use of this powerful agent as unsatisfactory and uncertain. I have experimented with it cautiously but persistently for at least five years. I have destroyed millions of insects in that time, but I have also sacrificed hundreds of dollars' worth of valuable crops. It seems as if I had tried it in every degree of temperature permissible in a greenhouse, on wet nights and on dry ones, and yet I know nothing for certain.

The minimum quantity of cyanide of potassium recommended by our friends Scott and Croydon, is two and one-half ounces to 2,000 cubic feet of air space. My houses contain from 40,000 to 60,000 cubic feet of space, which would allow, if not require, from fifty to seventy-five ounces of cyanide of potassium, twenty to thirty quarts of sulphuric acid and twenty to thirty quarts of water.

In such a house, 30x175 and eight feet to the ridge, I recently put three jars, each containing two ounces of cyanide, three ounces of sulphuric acid and four and one-half ounces of water. White flies in the winged state were quite thoroughly killed and the tender ends of plants for nearly a foot seared as by fire. What would have happened had I multiplied the dose by eight or ten I can hardly imagine. I have sometimes used heavier quantities with less effect.

We always buy the best quality guaranteed cyanide of potassium but it is not always the same. Sometimes there is a heavy residue of salt left in the jars but some we now have leaves the water perfectly clear. This may account in part for the different results, for sometimes we hit it right, killing the insects without injury to the plants.

When Mr. Scott recommended five ounces of cyanide for 2,000 feet of glass I thought the printer had left off a cypher, but when I find it repeated this fall I can't understand it. The only point I would make is that people had better begin very small and increase as necessary. G. C. A.



CARNATION NOTES.—EAST.

Marketing the Holiday Cuts.

Growers sometimes complain of the small returns received from certain shipments and of course the blame is laid to the commission man, who in all probability is not in the least at fault. The grower is to a certain extent in the hands of his agent but the law of supply and demand makes prices. If the man at the scene of demand is ignorant of the supply, he is in the position of a lawyer from whom his client has withheld an important point in his case.

Keep your commission man fully informed as to what you will have and are likely to have. He will then be able to take orders in advance from buyers who will change their plans if any uncertainty exists. The grower should confine himself to furnishing the supply and let demand be handled by those best versed in its intricacies and whims.

It is obviously better to ship regularly a prime article and receive a fair return than to send at the last minute a large consignment of stock which, even if it did not include some pickled goods, arrives too late to be sold with the best advantage.

The above is especially true with regard to trade around the holidays, when the consumer is looking for an article of extra quality. Decoration day calls for quantity rather than quality but at Christmas buyers are extremely critical and there is no flower so lasting and at the same time within the reach of all classes, as the carnation.

Forcing Christmas Crops.

There is little that can be done now to increase the supply except to increase the temperature by degrees from three to five points. Let this increase consume at least a week and the decrease to normal temperature the same. If your plants are not in the best of health on no account raise the temperature.

Last, but not least, do not cut everything in sight. Besides being a severe check on the plants, regular shipment is interfered with and this is disappointing to the commission man, who can often fill orders directly after Christmas at high prices. Geo. S. Osborn.

CARNATION NOTES.—WEST.

Handling the Christmas Cut.

Just ten days from the time these notes appear in print you will be in the thick of the Christmas rush. Even now you are wondering where you are going to cut all the blooms your customers are asking you to supply and wondering whether you will be blest with sunny weather during the next two weeks. Much will depend on the weather. Not only will you be able to cut a great many more blooms, but with sun you can force the plants a little with far less harm than you could if the weather were cloudy. Every experienced grower knows full well that his plants will thrive in a much higher temperature when the weather is bright than they will during cloudy weather; in fact, our sunny day temperature is always 10 degrees higher than the cloudy day temperature. So in case of bright weather very little or no unnatural forcing will be required to make the plants do all that ought to be asked of them.

The temperature can be raised 5 or 6 degrees at night during the last few nights without harm to the plants if it is done gradually, say a rise of a degree each night until 6 degrees have been added. A sudden jump of 6 degrees would be very apt to burst many calyxes for you, besides weakening the plants materially. The size of the bloom will diminish more, too. So go gradually.

In case of cloudy weather, then is when the grower has his trouble, especially if the weather had been moderately bright up to the last week. Even with a considerable rise in the temperature the plants will not give the blooms they would give in bright weather and so, instead of cutting an increased crop, you will have trouble in getting your usual cut. It takes a level head to keep balanced at such times. The public wants the flower regardless of sunshine and you are expected to deliver the goods. You will have to bring into play every wrinkle and trick you know of to increase your output during the last three days, always bearing in mind, however, that whatever you put out shall be first class in every respect.

Saving up bloom must be practiced to some extent, but it should not be practiced to the extent of pickling. Many growers injure their reputation through this practice for the sake of a very few dollars. Carnation blooms cannot be saved up two weeks and then expected to stand the handling they are invariably subjected to during the Christmas rush. They may look nice and fresh and crisp when you take them out of the cut flower room but every little knock will bruise them, when a fresh cut bloom would show not the least effect.

You can, however, save up your blooms a week and have them in good condition if you use good judgment in cutting and handling. You can't save every bloom a week, either, but you can save most of them. There will be some blooms that will be less firm than others, and some varieties will not store as well as others. These you must watch and market them before they deteriorate. The different colors will have to be handled differently. For instance, most of the white varieties become whiter as the blooms develop. Some of the reds become a deeper, richer red, while others lose their brightness. Some of the pinks become washy, while others of a darker shade will take on a prettier, lighter shade. Most all of the light pink varieties fade out badly and especially so if the sun is strong.

To save the colors you will have to cut them and set in a cool place, where the light is not too strong. A cool, dry cellar in which the temperature stands about 45 to 48 degrees is an ideal place. Let them have plenty of fresh air but no draughts on the blooms. If you tie them in bunches of twenty-five it will save much wear on the blooms while caring for them. Don't tie the stems tight, but just enough to hold the bunches together. Have the stems even; then when you want to cut the stems you can take one bunch after another and with a sharp knife cut the stems all at one time. Before sending them out you must look over the bunches carefully and replace any blooms which did not keep perfectly.

Do not crowd too many blooms in one vase and do not put them in vases that are too deep. Occasionally we see carnations with stems fifteen inches long chucked down into a 12-inch vase. They settle down into the vase until the blooms become wedged together into a small bunch, instead of each bloom standing away clear. If the stems are stiff a vase that will reach not more than half way up the stem is plenty deep enough. With such a vase the blooms can spread out over a space six times as large as the vase and no crowding is possible. A. F. J. Baur.



Carnation Abundance, White, as Grown by Rudolph Fischer, Great Neck, L. I., N. Y.

SLEEPY CARNATIONS.

Please tell me the cause of my carnations going to sleep in from twelve to twenty-four hours after being picked quite close daily. I have grown carnations for many a year, but have never seen anything like this. I have Enchantress, Estelle, Higinbotham, Morning Glory, Lawson, Melba, Armazindy, Gomez, White Cloud, etc. The stock looked fair when planted the latter part of August, in soil left in the houses where carnations grew last year, turning it over and adding an inch of manure on all and a slight sprinkling of bone meal on some benches. I am growing them quite cool, between 50 and 60 degrees in the day time and 46 to 54 at night. I have them on the dry side; at times the soil runs through one's fingers like sand. I understand this soil has grown carnations for a good many years. My experience is that carnations go to sleep after being fumigated strongly with tobacco stems, but these go to sleep when they haven't been fumigated for weeks. B. J. P.

Your method of culture is not such as one would expect very high grade blooms from. I cannot point out any one thing that I could say positively is causing your trouble, but there are several which could materially aid in bringing it on.

The old soil may be the cause of it. If carnations have been growing on it, as you say, for several years, certain elements of a perfect soil may have been exhausted. You are allowing too wide a range in temperature; 46 degrees one night and 54 degrees the next is sure to cause trouble. A variation of 2 degrees is enough to allow. You allow them to dry out too severely, too. Soil in which plants are growing should never become so dry that it will run through the fingers like sand. The carnation is a water loving plant when in vigorous growth.

I have several times said in these notes to run them just a little on the dry side during dark spells. By that I mean that the soil should be in such a state of moisture that you can crumble it readily in the hand. Try to keep the soil in an even state of moisture all the time. Perhaps you pick your blooms too close, too. At this time of the year we find that carnation blooms keep best if allowed to open up pretty well on the plants; not what we term over-ripe, but just when they are full open.

I would advise you to begin watering them carefully with a view to keeping the soil just about the same right along. Keep the night temperature 50 to 52 degrees, day temperature 60 degrees on cloudy days and 65 to 70 degrees on bright days. Lawson wants 4 degrees warmer at night and on cloudy days. Give a crack of air whenever possible and all you can on bright days. A light sprinkling of air-slaked lime watered in might help some, too; it certainly could do no harm. Drop a pinch of sulphur on one of the steam pipes about every twenty feet. Next season try to plant in new soil. A. F. J. BAUR.

CUT AND COME AGAIN.

The accompanying illustrations are reproductions from photographs of Abundance, white, the most wonderfully prolific carnation in existence, or that ever has been in existence. One picture shows three plants potted from the field September 23 and photographed October 10. One plant has thirty-two flower shoots and the other two twenty-eight each. They were not the largest plants by any means, as I planted numerous plants with forty and fifty shoots. Every shoot brings a flower and as soon as a flower is picked the eyes below the cut send up other shoots in a very short time, making it a continuous bloomer. Growers will note the absence of grass at the bottom of the plants, as cuttings do not stay there but spring right up to business.

The plants grow so fast that during their life in the field they had to be cut back four times. The last time the shoots were so numerous that we had to resort to harsh measures to save time; we took hold of the entire shoots of a plant with one hand while with the other we cut below with shears to the desired length! It is certainly the greatest thing for growing I or any one else ever saw. My benches are a sight to see, and will be all winter long.

I have four center benches ninety-six feet long by eight feet wide and three side benches 100 feet long by two and one-half feet wide planted to it, and would have more if I had room. I raised it from seed eight years ago. It is a cross between Scott and McGowan. It shows strong characteristics of both parents but is a great deal more prolific than either; in fact there is nothing to compare with it for blooming quality.

It is not a fancy carnation that has to bring fancy prices to pay, but it is a pure white, of medium size, highly scented and wonderfully prolific, just what every florist wants who is growing carnations for a living and not for pleasure alone.

The other picture is from a photograph of a plant left out after the houses were filled, to show the fibrous roots and how they retain the ball of soil, but the ball is not necessary, as it grows, no matter how or when planted. I have filled a bench as late as the middle of November, after Jones chrysanthemum was cut, and they have done finely, not one missing.

R. FISCHER.

TEMPERATURE.

Will you kindly tell me what average temperature to keep for a house with Prosperity, Lawson and Enchantress carnations, also, how to burn tobacco dust to fumigate the houses? C. H.

You will find it impossible to run the temperature so that it will exactly suit all three of these varieties. Mrs. Lawson wants a temperature higher than any other carnation we have; 55 degrees suits it best. Enchantress is just the reverse, while Prosperity is well suited with a medium temperature. If the temperature in your house varies somewhat between the two ends and you have Enchantress planted at the cool end, Prosperity in the center and Lawson at the warm end you need not have much trouble, but if Enchantress is at the warmest end and Lawson the coldest, then you will have trouble all winter. Lawson will split badly and Enchantress will come sleepy. Between the two evils you will have to choose which will be the most costly to you and act accordingly. Lawson wants 55 degrees; Enchantress should not have over 50 to 52 degrees.

To burn tobacco powder take a piece of tin 12x18 inches, bend upward and outward about two inches at each end. Lay on top of this a piece of wire fly screen the same size as the tin and bend the two ends down over the ends of the tin, so the screen will hook onto the tin securely. Spread on the screen a piece of paper sprinkled with kerosene and on this spread your tobacco powder. Light it around the edges and be sure the tobacco catches fire; sometimes the paper alone will not start it, but if it starts in three or four places it is sufficient. Tobacco dust will not make a dense smoke, like the stems, but the fumes are

just as strong and effective. Use about a 4-inch or 5-inch pot of powder on each screen and one screen to each twenty-five running feet in a house twenty feet wide. Start these in the evening, as it takes several hours for one of these piles to burn up. The above quantities are what we find effective with To-bakine Fumigating Powder, but I suppose others use about the same.

A. F. J. Baur.

OVER-FEEDING.

My carnations are coming sleepy and the trouble seems to be increasing. My soil is about one-fourth cow manure and good clean loam. The plants were housed about the middle of September and what flowers I cut were all right, with a few exceptions, until about Thanksgiving. I have been giving them some liquid dressing of late, as the blooms were growing smaller. I ran the temperature 48 to 50 degrees until lately I have let it go up to 55 degrees at night, but they came sleepy before I raised the temperature or used liquid dressing. Twice in the liquid I put two ounces of nitrate of soda to a barrel for a house 28x100. Now what shall I do to bring them out of it? I shall have to use liquid fertilizer to get good blooms. The plants look very healthy and are putting up a large crop of flowering shoots with good length of stems. The varieties are Crane, Joost, Hill and Queen Louise. G. P. G.

While there may be other causes for the sleepiness of your carnations, I feel certain of one thing and that is that you are over-feeding them with manure. One-fourth manure is the greatest of plenty for carnations, and carnations that are planted in such a rich soil the middle of September surely do not need any extra feeding by the first of December. Instead of piling on the liquid manure you would better give them a sprinkling of air-slaked lime to set free what food there is already in the soil and a little bone to give them substance. Give plenty of ventilation whenever possible. There may be other causes, but I feel sure you have erred along this line.

A. F. J. Baur.



COMMERCIAL VARIETIES.

The market for cut blooms has been better than for several seasons and commercial growers generally are fairly well satisfied with their returns for the year. Local conditions vary so much that it is presumptuous to say that the kinds mentioned below will suit every taste, and, again, a heavy call develops in some sections for early flowers, while the demand in another section for similar stock may be almost nil. There was a frantic call this year in the New York market for good early flowers, particularly of yellow varieties, and Monrovia was wholesaling for $5 a dozen on October 1 that would not bring nearly half as much two weeks later. This demand was due largely to the fact that a killing frost had wiped out the dahlias, cosmos and other outside stock in many sections before the end of September. This naturally created a shortage in flowers and the mum growers benefited very materially, and, while we do not want to see the dahlia men go out of business, we hope we may get our share of the early market next year.

Even admitting that we are not favored with an early frost every year, the grower who has good flowers early in October is more likely to make money than the grower who tries to hold back for Christmas. The first flowers have the charm of newness and change, whereas by Christmas the public has had enough and the novelty has gone. Early varieties also are more profitable by reason of the fact that they are sold off early and the bench space can be immediately utilized for some other purpose, which is quite an important consideration to the average florist.

The varieties here mentioned are given in the order of their flowering:

Yellows: Merstham Yellow, Monrovia, Reveil A'Begles, Halliday, Appleton, Yellow Eaton, Bonnaffon.

Whites: Polly Rose, Alice Byron, Clementine Touset, White Coombes, Eaton, Chadwick and Merry Christmas.

Pinks: Pacific, Lady Harriet, Mrs. Coombes, W. Duckham, Mrs. G. Mileham and Maud Dean.

I mention Merstham Yellow first because if it comes as early next year it will be the first of the yellows fit to cut. It is, of course, a novelty yet, and in a sense untried, so we must wait another year for final judgment. Reveil A'Begles is also a novelty though I have heard it highly spoken of. The other yellows are, of course, well known, and, if a grower could have only one yellow, that one should be Col. Appleton. Bonnaffon, while it has been ousted by Appleton as a midseason, is still largely grown for a late variety, and fairly good flowers are still in sight for Christmas.

In whites, Polly Rose comes first and with this, as with its parent, the pink Pacific, it would be better if more of the growers tried to grow better flowers and not so many of them. Polly Rose is a very dwarf grower and when it is pinched and several shoots taken up, it means that a lot of short-stemmed, small flowers are thrown on the market that come into direct competition with the late asters; whereas, had the mums been better grown and sent in with good stems their superiority over the asters would be self-evident. Polly Rose brought this year from 3 cents each up to 40 cents each and the range of quality was about as variable as the price.

Clementine Touset is a new arrival about which I know little, though it is large and early, two very desirable features. White Coombes is in every respect a replica of its parent, Mrs. Coombes, except in color and will be largely grown in the east next season as a second early white. With us it will take the place of Robinson, which has become so soft as to be practically worthless. White Coombes was certificated by three committees, New York, Boston and Philadelphia. The other whites are standards and well known.

In pinks there is little change. Duckham will be grown more largely with us than any other pink. Maud Dean in many sections is still the best late pink. Those growers who have been handling Viviand-Morel as a pink will find Leila Filkins an improvement on it in every way, but most growers run entirely to the incurving types, as they ship better and do not need so much care in packing.

There are several varieties that cannot be classed as either white, pink or yellow, which have begun to make their mark in the trade and among these are W. R. Church, Harrison Dick and Donald McLeod, the two latter being very beautiful varieties on the bronzy-crimson order that light up wonderfully. Church is a purple-crimson that oftener than not shows a bronze effect. It is a peculiar color and very distinct but the floral artist has put his approval on it and Church will be grown in considerable quantity next year.

S. T. Wright, while sent out as a crimson, sold fine as a bronze, this peculiar state of affairs arising from the fact that on an early bud this variety incurves so closely as to entirely hide the crimson and show only the golden bronze reverse.

There are many varieties that do well and sell well in different sections of the country, that are not heard of outside the home circle, so to speak, and where a grower has such a variety it would be foolish to discard it.

Occasionally one hears of a variety that drops out of sight to reappear in a year or two as something entirely new. Such a variety is the Dorothy Faust that has appeared at Philadelphia. From the information to hand there seems no question but that it is Mrs. Robert McArthur, a variety introduced by Spaulding in 1897. This is the second time that this variety has come up under a new name, which is a tribute to its staying powers as a variety, if nothing else. There is no desire on anyone's part to willfully deceive, so far as I know. A label lost or transposed will easily account for these things but if we are to



Chrysanthemum Mrs. D. V. West.

grow this variety again we may as well grow it under its original and true name.

BRIAN BORU.

PROPAGATING.

Having invested in some choice stock plants of chrysanthemums, I planted them in six inches of good, strong soil. How shall I proceed to secure the greatest number of good plants from them?

Why does Viviand-Morel sometimes give blooms of very delicate pink and cream? They grew in soil two-thirds loam, one-third cow manure, and were moderately fed with bone meal, blood and very weak solution of nitrate.

J. J. L.

The correspondent does not state whether he has planted out his stock plants in a bench or box. If they are in a box they can be easily moved to a warmer house, but if in a bench the house should be kept at about 50 degrees at night, with a corresponding rise during the day. Do not water too much during the winter months and do not, as soon as a small cutting appears, trim it off with the idea of getting all you can. Let the plant make a little top growth to encourage root action and you will ultimately get more cuttings.

When Viviand-Morel is taken on the crown bud it not infrequently produces flowers streaked and marked in the manner described. The feeding as given would not affect the color at all. Morel has seen its best days; Leila Filkins will give a flower just as good with far less trouble. Late buds of Viviand-Morel, that is to say, buds taken after September 1, would not show the pale coloring but would run an even pink all through the flower.

BRIAN BORU.

CHRYSANTHEMUM MRS. WEST.

Gustav D. Lotze, Glen Burnie, Md., who is one of the most successful growers of chrysanthemums for the Baltimore market, has formed a very high opinion of Mrs. D. V. West, which is one of his best white varieties, worthy of a place in the collection of any grower of exhibition blooms. The form and character of the flower is shown in the accompanying illustration, from a photograph of one of Mr. Lotze's blooms.

FOURTEEN BEST SORTS.

The illustration on page 196 is from a photograph taken at the establishment of the Livingston Seed Co., Columbus, O., October 30. The varieties are what Supt. Fred Windmiller calls "the fourteen best sorts." They are:

Wm. Duckham,
Mrs. Bassett,
S. T. Wright,
Nellie Pockett,
Mme. Paul Labbe,
Australie,
White Popham,
Robt. Halliday,
Col. Appleton,
Cheltoni,
Marie Liger,
Mme. Herrewege,
Mrs. Coombes,
Duchess of Sutherland.

CHRYSANTHEMUM FIDELITY.

It has been suggested that Elmer D. Smith, of Nathan Smith & Son, Adrian, Mich., has formed an alliance with the man who names the sleeping cars. Evidence of this is found in the names Mr. Smith has given to some of his 1905 set of chrysanthemum novelties, for instance, Okolona and Kinkora. At any rate it is a great improvement on Dr. Oronhytheka, by which original name very few trade growers would recognize Yellow Eaton.

Another good name chosen by Mr. Smith for one of his 1905 set is Fidelity, pictured herewith. This may be termed an improved Alice Byron, from which it is a seedling. It inherited the pure white color and growth of that excellent va-



Chrysanthemum Fidelity.

riety, but is much larger, more artistic in form and of fine substance. Owing to these qualifications it will be a welcome addition to the commercial list. The height is three feet, at its best November 5 to 10. It was the winner of the silver cup for best white seedling at the World's Fair flower show and was certificated by the C. S. A.

DECORATIVE MUM PLANTS.

These are becoming more frequently asked for yearly. Varieties that are free-flowering when grown in a natural bush form or bush standard, such as are seen at some of the nurseries and parks in groups, are invaluable for this purpose. Quite recently there have been several new additions to the decorative section by a continental raiser, M. Auguste Nonin of Paris. He has this year sent out some useful Japanese varieties, free-flowering plants of good habit, that make nice little bushes, and are not, like some of the older sorts, unduly tall. Of these I should be inclined to recommend Etoile d'Or, a bright golden-yellow flowered Japanese with medium-sized flowers; Primevere, another, but with rather larger starry-shaped flowers, pure pale yellow shaded buff; Etoile Blanche, rather large, color pure paper white; Acajou, a pretty medium-sized flower, color dull crimson-red, florets flat, of medium width, very free; Innocence, a nice little white flower of considerable decorative effect; Jason, lemon-yellow.

Sometimes, by way of a change, the single-flowered varieties are used in this way. Ladysmith, rosy-purple, is one of the prettiest. Paris Daisy is a little gem, white with yellow center, a starry flower. Helen Skinner is quite new, large in size, florets flat, color a fine shade of velvety purple-amaranth, center yellow.—C. H. Payne, in Gardeners' Chronicle.

AMERICAN MUMS.

The chrysanthemum writers of the European trade press frequently allude to the fact that, while so many splendid new sorts are constantly coming from Australia and from France, as well as from English raisers, little in the way of new sorts comes to them from America. But if the gentlemen who feel that America has not contributed her share in this direction will turn from the exhibition table to the market reports they will find that at about Thanksgiving the leading varieties in quantity and salability in the London market were Major Bonnaffon, Western King and Niveus. Bonnaffon was raised by F. Dorner & Sons Co., Lafayette, Ind., and sent out in 1894. Western King is one of Nathan Smith & Sons' varieties, disseminated in 1897, and Niveus came from the same source in 1893. The English market grower makes his money growing American varieties and spends it trying French and Australian seedlings.

THE WELLS-POCKETT SET.

A surprising number of very fine chrysanthemum novelties are now coming out of Australia each year, and of the raisers there none is more conspicuous for his success than is T. W. Pockett, most, if not all of whose productions reach the trade through W. Wells & Co., Earlswood, Redhill, Surrey, England, who sent the wonderful collection of cut blooms to the Chrysanthemum Society of America show at Boston this year. This contained many of the 1905 set of novelties. In writing to an American correspondent Mr. Wells says:

"You may be interested to know something about our novelties for 1905. Well, they must be branded as the best lot we ever had and we could easily have made another set of twenty, and then there would not have been a bad one. These are really the pick of 3,000 plants (seedlings) which Mr. Pockett raised in Australia in 1902, which flowered over there for the first time in April, 1903, eighty of which he sent to me. These we flowered in our nurseries this fall and those named are the cream of the eighty varieties, but it is almost a shame to throw away quite thirty other good ones, but people on this side are all clamoring for size. You will see 'size' among these next fall and quality thrown in. They may be well termed the Gold Medal set.".



Livingston Seed Co.'s Fourteen Favorite Mums.

THREE OF A KIND.

The accompanying illustrations show the three fine chrysanthemums which John Breitmeyer's Sons, Detroit, have been exhibiting at the fall flower shows. These were raised by H. W. Rieman, of Indianapolis, and sold to the Breitmeyers, who early recognized the commercial value of the set. They have grown them for their own trade but never exhibited them until the World's Fair flower show, at which Majestic took first prize for 100 white in a class with a larger number of entries than were ever before staged; no less than fourteen finely finished vases of 100 blooms each. Adelia is also white and Fred Breitmeyer thinks it is fully as good a thing commercially as Majestic. Madonna is shell pink. All three are of much the same form, of good growth and fine substance. They should be good shippers. After standing the week at the Chicago show a bunch of petals could be plucked from a flower and it would fill up the hole so that they would not be missed; nor would other petals fall under violent shaking.

CHRYSANTHEMUM SOCIETY.

Eugene Dailledouze, chairman of the committee for examining seedlings in New York, reports that the variety Dorothy Faust, presented to that committee December 3 is identical with the variety Mrs. Robert McArthur certificated by the society in 1897. The same variety was presented to the same committee a few years later as David S. Ward. Mr. Dailledouze was a member of the commitee which granted the original certificate.

As the result of a misunderstanding by the secretary of the C. S. A., all the varieties of chrysanthemums introduced in the spring of 1903 were omitted from the report and lists recently published by the society. These varieties will be included in the annual report for 1904, to be issued soon.

Fred H. Lemon, Sec'y.

Please omit my advertisement of pansy plants, as I can fill no more orders this season.—L. W. Goodale, Dwight, Mass.

Quakertown, Pa.—E. I. Rawlings is enlarging the capacity of his heating apparatus, having found in last winter's severe cold that he did not have heat enough.

I like the Review and would not be without it. The only reason I did not advertise in it this season was that local trade took all the stock; did not have enough and had to buy through the advertisements in the Review; that's where to look for what you want.—J. A. Kenniston, Newburyport, Mass.



Chrysanthemum Majestic | Chrysanthemum Madonna | Chrysanthemum Adelia

John Breitmeyer's Sons' Very Interesting Set of Chrysanthemum Novelties.

LIFTING BULBS.

I have a large lot of bulbs bedded, such as hyacinths, tulips, narcissi, Spanish iris, crocus, etc., which, after they flower in the spring, I deem it best to lift so as to use the ground for other purposes. How can I tell by the tops after they have flowered the proper time to lift the bulbs, as I desire to again plant them in the fall and want them in a proper condition before taking them up? H. L. W.

If lifted the tops should be about ripe before the bulbs are disturbed. If lifted as soon as the flower is faded you arrest the process of storing up strength for the following year.

"SIX DAYS SHALT THOU LABOR."

We serve the public, but is that any reason why we should work seven days for a week? "Six days shalt thou labor and do all thy work," was the Divine command, which goes on enumerating every member of the family and the stranger within thy gates, also thy cattle. Why should we as florists be compelled to break this command, rising early and working late? Can we be expected to give our best service when every nerve and fibre of our being has been taxed to its utmost capacity? Formerly the banks kept open until 10 o'clock Saturday nights, but they have learned a better way. The same amount of business can be accomplished in less time. Our young people hesitate to engage in a business which permits no respite. The Sunday closing laws are not enforced, yet every florist knows he would be better off physically, mentally and morally if he kept closed doors one day of the seven. Other cities do it, why not in St. Louis? Occasionally there is an order that cannot be given during the week, but once let your patrons know you must have time to rest and breathe outside of your business and they will soon fall in line. M. S. N.

THE REVIEW is all right, the best paper.—C. L. BAUM, Knoxville, Tenn.

FARTHEST NORTH.

In answer to E. O. L., who wants to know how far north cut flowers can be grown, I would like to say that I don't think the distance north has anything to do with the growing of roses and carnations. Cost of growing may be greater; on the other hand prices are higher. I am not an expert. The fact is I don't pretend to be a florist in the real sense, but my carnations compare very favorably with those of Chicago growers, stems not quite as long, and as for roses, James River valley of the north is the home of the finest roses grown in the open air; why not in the greenhouse? The trouble with the greenhouses in North Dakota has been they have been operated by men with neither experience nor sufficient capital.

D. C. WALTER.



HEATING VIOLET HOUSES.

In answer to the query of P. W., who wishes to know if violets can be grown in houses where steam heat is employed, I would say that we have grown them equally well in houses heated by steam as by hot water. In either case you must have your heating system so arranged that you can control the heat and keep the house or houses at the desired temperature. To accomplish this the grower who uses steam entirely should have his houses piped with several coils so that he can have little or much heat, as the weather calls for. Otherwise, if he has to turn on a large coil in order to have any heat at all it will be too much in mild weather. Really it is the best to have a valve at each end of each run of pipe so that one pipe at a time can be added as it grows colder and this is easily arranged if, when piping the house, you make up your coils with headers or branch tees. In fact, every house should be equipped with at least one such coil, as in this way you can graduate your heat to a nicety, be it either steam or hot water, especially the former, and there is then no excuse for the fireman giving a house a too high temperature, which he is liable to do otherwise.

R. E. SHUPHELT.

FUMIGATING VIOLETS.

Please tell me how to kill the little bugs on my violets with this hydrocyanic acid gas. I have used tobacco in every form without result, and smoking hurts the sales. J. K. P.

The formula for fumigating with hydrocyanic acid gas is as follows: Water, one quart; cyanide of potassium, five ounces; sulphuric acid, one quart. This is the quantity for 1,000 cubic feet of space. The correspondent will have to compute the space in the house and use a corresponding amount of the formula.

Any deep earthen jar will answer the purpose and the water and acid should be mixed first and so placed that the package of cyanide can be lowered into the jar by a string from the outside of the house. Have the jars located in the lowest places in the house, as the gas is so light that it rises fast and under no circumstance attempt to drop the packages otherwise than from the outside, as the gas forms so quickly and is so deadly that it would kill one before he could get out of the house; in fact, I never like to tell anyone to use it for fear that some accident will happen. Do not allow anyone to go near the houses till they have been aired, and you should have the ventilators so that they can be opened without entering the house.

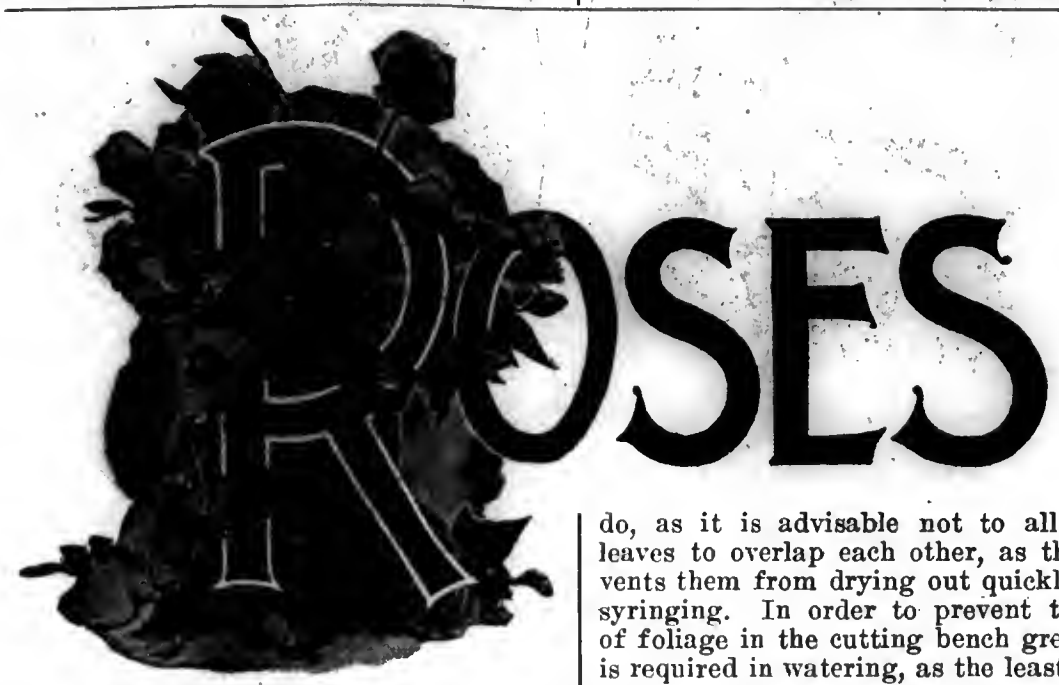
R. E. SHUPHELT.

AMERICAN CARNATION SOCIETY

The Central Passenger Association and the Trunk Line Passenger Association have granted the rate of a fare and one-third to the members going to the meeting of this society in Chicago, January 25 and 26. It is presumed that the other associations will fall into line and help make this the best meeting and the largest attended of any we have yet held.

There will be a supplement to the premium list to go to press December 27. Anyone wishing to offer special premiums or advertise in this supplement should get into communication with the secretary at once.

ALBERT M. HERR, Sec'y.



PROPAGATING BEAUTIES.

In selecting wood from Beauties for propagating purposes the greatest of care is necessary in order to secure wood of uniform ripeness, so that all the cuttings in the batch may form roots about the same time and that all may benefit by the uniform conditions of temperature, moisture, etc.

The practice of cutting long stems which are dilatory in showing bud and utilizing them for propagating wood is a fruitful source of failure, because in a stem of four or five feet in length, upon which there are perhaps twenty eyes, the eyes near the base and the eyes near the top are far removed from each other in point of ripeness and if these are indiscriminately placed in the sand it is obvious that there cannot be any uniformity in root formation.

To secure uniformity it is advisable to select short and close-jointed shoots, which may possess only four or six eyes, sufficient to make from one to three cuttings. These form roots in nearly the same length of time, are less liable to shed their leaves and make a much thriftier plant than do those from longer-jointed wood.

In nearly all Beauty houses some plants are found which are tardy in forming flower buds, but possess an abundance of wood and these are often called upon to furnish the wood for propagating. For years I have been carefully avoiding taking wood from such plants and find that this class of plant can by this method be greatly reduced.

By selecting wood from our most free blooming plants and persisting in this practice year after year we propagate only those plants which possess good characteristics, which are almost certain to be perpetuated in the young stock, thus securing stock of a more floriferous character and although we may not get quite so many extra long stems we will have a house of more uniform growth and a greater quantity of medium length stems, which are certainly the easiest sellers and most profitable.

Beauty cuttings of course require a good deal more room in the bench than teas do, as it is advisable not to allow the leaves to overlap each other, as this prevents them from drying out quickly after syringing. In order to prevent the loss of foliage in the cutting bench great care is required in watering, as the least excess of moisture in the sand is almost certain to cause it, while over-dryness will have the same effect, and as a cutting without foliage, no matter how well it may be rooted, can never make a good, robust plant, its vitality having received such a check, it is safest to discard all such.

Beauty cuttings when rooted require much the same treatment as teas, but if the weather is bright it is better to give them the benefit of shading a day or two longer, the foliage being so much larger that if it is allowed to wilt or curl it takes a longer time to recover.

When in the younger stages they are very subject to the attacks of green fly, which are hard to dislodge, by reason of the foliage lying so close to the pots and it requires more care to keep them clean than Brides, Maids or even Meteors.

After they get a start in 2-inch pots they grow very rapidly and should be carefully watched so that they do not become pot-bound, as this condition is a very serious set back to young Beauties.

RIBES.

SOIL FOR ROSES.

I send two samples of soil and some foliage of Golden Gate and Bridesmaid roses. They were benched June 1 and made a very good start. I took a small crop in September and since then the growth and blooms have been weak. There has been much blind wood, flowers off color and weak necked. Have run the houses 58 degrees at night, 62 to 70 degrees in the daytime, with air as long as possible. The benches are made of 6-inch boards with cracks three-quarters of an inch wide. We used sod, grass side down, with about four inches of soil like sample No. 1. Is the fault in the soil? Sample No. 2 is of sod prepared this fall for use next year. J. P. K.

The treatment accorded these roses should have produced better results and, had sample of soil No. 2 been used in a properly composted condition, there is little doubt but that the crops would have been satisfactory. Sample No. 1 is very poor and not at all suited for roses.

This method of laying the sod on the bottom of the bench is not the best way of getting the most out of it. In my experience I have found it more satisfactory to chop up all the sod and thoroughly incorporate it with the manure, using only a light covering of rye or wheat straw to cover the cracks. This serves the purpose of keeping the soil from running through till it gets set, when if the soil is properly handled there is no more danger from this cause. Sample No. 2 is a good rose soil and, if composted in April, chopped up and turned over a couple of times previous to using, there is no reason why it should not produce good crops.

RIBES.

ADVICE FOR A BEGINNER.

I am a beginner in floriculture, and there are some things I wish to know which I presume you will think even a beginner ought to know. I shall build a greenhouse next summer for roses and I wish to stock it with roses for forcing for cut flowers. Should I buy small plants, say rooted cuttings, and set them in nursery rows to be cultivated during the summer and then transplant them to the benches in the early fall, or would I better buy older stock in the fall to be planted in the benches at once? How close will they bear to be planted for best results? The house I propose to build will be 20x70 feet. I have a small one which I filled with carnations this fall. J. C. H.

From the nature of the queries propounded by J. C. H. it is quite evident that he is a beginner. I would advise him to study some good work on greenhouse management before he builds. He ought to equip himself with sufficient knowledge on this subject to give himself a fair chance of success. Such knowledge is contained in Scott's Manual, a work which no beginner should be without.

The safest kind of stock to purchase for a first planting, say in June, would be from 3-inch pots, and plant in the bench at once. By planting in the field you have to wait until the plant becomes dormant before it can be lifted with any chance of success. Brides and Maids require from 144 to 165 square inches of root area, Beauties about 225 inches.

RIBES.

A BEGINNER'S TROUBLE.

I am sending you some buds of my roses and ask your advice as to what would be the best course of treatment to improve the stock. The roses have been carried over from last year. They had been badly neglected when I took them over in the middle of September. They had contracted mildew, were only watered once in two or three days, weeds allowed to over-run them, etc. On taking possession I immediately got the weeds out, cut out all dead and some blind wood, then mulched them with well rotted horse manure, the only kind at my disposal. I watered them as frequently as they needed it, ventilated carefully, got nearly rid of the mildew by dusting on sulphur, also painted the pipes, syringed on fine days but find red spider still. The houses are two in number, 20x100, even span, running north and south. I am advised not to open the ventilators now, as the houses are rather high, and am told that open-

ing the door on one end will give sufficient ventilation. The houses are heated by hot water. What temperature should I keep at night? I am covering the benches, on top of the mulch, with soil, as they did not seem to have enough and I found it difficult to get the dead leaves out of the mulch. What causes the leaves to drop off in great numbers?

H. B. S.

The sample buds reached me in good condition and after carefully inspecting them in the light shed by the foregoing letter I would advise careful and ample ventilation on all favorable occasions, using the ventilators for the purpose for which they were intended and avoiding ventilating by the door-way. I am also of the opinion that the stock was not in proper condition to use the mulch when it was applied and would advise not to add any soil to it until the plants are stronger and the season a little farther advanced. This is undoubtedly the cause of the leaves continuing to drop. Horse manure, if fresh, contains more ammonia than rose foliage cares for and this also tends toward the shedding of leaves.

The temperature for Bride, Maid, Chatenay and Golden Gate is 56 degrees at night, rising to 70 or 75 degrees, according to intensity of sunshine.

For red spider keep the syringe going every bright day and manipulate the spray so that the under side of each leaf is thoroughly washed, using sufficient force to dislodge the spider and break up the web. Do this early in the day, so that the foliage may become dry before sundown.

I have had about as good success with roses in houses running north and south as with those running east and west. I am aware that this statement is contrary to the accepted theory as to the aspect of rose houses but it is based on facts and "facts are chiels that winna ding, an' daurna be disputed," and can also be substantiated by fairly good reasons. RIBES.

THE BABY RAMBLER.

When a buyer pays a good price for a foreign novelty he does not always get the full value of his money unless it is arranged that the novelty shall be sent out simultaneously in Europe and America. To let a good thing loose in Europe means that it is sure to find its way into the trade in the United States, perhaps even before the purchaser of the American rights is ready to send it out. A case in point is Rose Mme. Levavasseur, which is popularly known as the Baby Rambler. There are seeral large and a number of smaller stocks of it in existence in this country, all obtained from perfectly legitimate sources, although the raiser sold the American "monopoly."

NEWBURY, O.—Reinhold Hoffman asks $5,000 damages of the county because of the building of a new road in front of his place which left his greenhouses about four feet below grade. The county commissioners contend that the damages asked are too near the original value of the property and offer $250 in settlement.

I HAVE certainly been well pleased with the REVIEW and would not like to be without it; I think every florist should take it.—C. L. SHANKS, Newton, Kan.



The E. G. Hill Co.'s New Rose, Richmond.

Vegetable Forcing.

VEGETABLE MARKETS.

CHICAGO, Dec. 14.—Cucumbers, 50c to $1.15 doz.; head lettuce, $3 to $4 bbl.; leaf lettuce, 30c to 40c case; tomatoes, $2.25 to $2.50 case.

BOSTON, Dec. 13.—Cucumbers, $6 to $7 box; seconds, $2 to $4 box; tomatoes, 20c lb.; asparagus, $5 doz. bunches; mushrooms, 60c to 70c lb.; lettuce, 25c doz.; mint, $1 doz.; radishes, 25c doz. bunches; parsley 50c to 75c box.

REGULATION OF TEMPERATURE.

We are now in the middle of the dull, short days, when more common sense must be exercised in the regulation of temperature than at any season of the year. It is quite a simple matter to keep up a certain temperature, provided the houses are well supplied with pipes and ample heating power behind them, but the trouble is that a given temperature is not what is necessary to promote the most healthy growth. The lack of fresh air to strengthen the growth makes it imperative that the forcing process be limited according to the amount of fresh air that can be given, so that what growth the plants make will be sufficiently strengthened for the best development of the crop.

Scientists could no doubt tell us just what component parts of the air are missing in a house filled with plants, where fire heat is used to maintain a certain temperature, but where the amount of fresh air is limited on account of the coldness of the atmosphere outdoors. But I must confess that I am no scientist, and I hardly think there are many employed in the forcing of vegetables. Wider and more remunerative fields are no doubt attracting their attention. Perhaps this is our misfortune, and perhaps if we could approach the matter from a scientific point of view we would not be a great deal better off than we are, and we might not be able to produce any better results than we now can by keeping hammering away by rule of thumb, observing as closely as possible the requirements of our plants, and doing the best we can to strengthen their weak points under whatever circumstances we find them.

If we find that the plants are making a weak growth, that they are losing the desired dark green color or the foliage getting thin in texture; if the conditions are so that we cannot admit sufficient fresh air to adequately strengthen the plants, it is better to begin at the other end and reduce the amount of growth by a reduction of the temperature until more favorable conditions prevail. To continue hard forcing against natural conditions is not only a waste of fuel and energy but a serious detriment to the health of the plants, leaving them less fitted to respond to forcing when more favorable conditions prevail, be-

sides leaving them far more liable to the attacks of diseases and insect enemies.

Happily we are not liable to have protracted dull spells, even during the short mid-winter days, but it does not take many days of fire heat to weaken such subjects as lettuce, and once weakened they are sure to be attacked by leaf burn whenever they are again subjected to the flagging influence of sun heat.

W. S. Croydon.

COST OF FUMIGATING.

I should be obliged if Mr. Croydon or some other reader would give the cost of fumigating with hydrocyanic gas, and if it is not dangerous to use in large houses, being deadly poison. J. V. L.

Sulphuric acid costs about 30 cents per quart and cyanide of potassium about 6 cents per ounce. One quart of acid and five ounces of cyanide would cost about 60 cents and is sufficient for 4,000 cubic feet of space, which is quite a good-sized house. To kill scale insects and mealy bug it would require to be nearly as strong again. In a large house, where several jars are needed, the cyanide can be safely dropped by hand into the acid, provided it is wrapped in two thicknesses of paper and paper and all dropped in; it takes the acid a little time to eat through the paper before it can reach the cyanide. If the operator begins at the farther end of the house, drops the paper as quickly as possible in the jars while making for the door, there should be little danger of the gas overtaking him. W. S. Croydon.

SOIL FOR TOMATOES.

According to many growers the character of the soil for forcing tomatoes is not a matter of great importance. It is necessary that there be good drainage, but both light and heavy soils have been used with good results. Nevertheless, those who get probably the best results commonly use a light sandy loam.

A compost—one used for many crops—consisting of three parts light sandy loam and one part well-rotted horse manure, serves very well for tomatoes. The proportion of manure in the soil has been considerably varied, but the results do not appear to differ in proportion to the variability of the compost. In addition to stable manure, dried blood is often added to the compost at the rate of 100 pounds to every five cubic yards of compost.

When good stable manure is not available for the compost an excellent soil may be obtained, according to Voorhees, by adding to every 100 square feet of bench the following fertilizers: nitrate of soda, one-half pound; superphosphate, one pound; sulphate of potash, one-half pound. This holds good until the fruit begins to form, when it is well to give one-fourth pound of nitrate of soda every week, and every two weeks one pound of superphosphate and one pound of sulphate of potash. These may be applied in solution, or sown broadcast between the plants and well worked in before watering. Highly satisfactory results have been obtained by using coal ashes and five per cent of peat moss added with various fertilizers. This method has been productive of a yield of two or more pounds of fruit per square foot of bench surface.

It seems that there is but little danger of overfeeding the tomato. Still, while abundant fertilizers may not be injurious to the crop, there is a point beyond which manuring is needless; that is, feeding up to a certain point produces a larger and better crop, but beyond this, although the plant may take up all that is offered without diminishing the yield of fruit or even injuring its quality, it is manifest that feeding above this optimum point is waste. Of course there is a point to go beyond which it is not only waste, but will result in injury to the crop.—Gardeners' Chronicle.

PRONOUNCING DICTIONARY

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Frequent inquiry as to the correct pronunciation of plant names has led us to compile the following list of names, selecting those in most common use in the trade, and including botanical terms most frequently met with in articles upon plant culture.

In our list we have used the following

KEY TO PRONUNCIATION.

a as in fat	e as in met	ō as in note
ā as in fate	ē as in mete	ö as in move
ä as in far	è as in her	ô as in nor
â as in fall	i as in pin	u as in tub
ă as in fare	ī as in pine	ū as in mute
à as in Persia	o as in not	ù as in pull

The syllables to be accented are marked thus ′.

C

(Continued from last week.)

Clarkia—(klär′ki-å).
Claytonia—(klā-tō′ni-å).
Clematis—(klem′a-tis).
Cleome—(klē-ō′mē).
Clerodendron—(klē-rō-den′dron).
Clethra—(kleth′rà).
Clianthus—(klī-an′thus).
Clitoria—(klī-tō′ri-à).
Cneorum—(nē-ō′rum).
Cnicus—(nī′kus).
Cobæa—(kō-bē′å).
Coccinea—(kok-sin′ē-å).
Coccoloba—(ko-kol′ō-bà).
Cocos—(kō′kos).
Codiæum—(kō-di-ē′um).
Cœlogyne—(sē-loj′i-nē).
Colchicum—(kol′chi-kum).
Coleus—(kō′lē-us).
Colocasia—(kol-ō-kā′si-å).
Columbine—(kol′um-bīn).
Compacta—(kom-pak′tà).
Compositæ—(kom-poz′i-tē).
Composite—(kom-poz′it).
Concolor—(kon-kul′or).
Confervæ—(kon-fer′vē).
Congener—(kon′jē-ner).
Conifer—(kō′ni-fer).
Coniferæ—(kō-nif′e-rē).
Coniferous—(kō-nif′e-rus).
Conspicua—(kon-spik′ū-à).
Convallaria—(kon-va-lā′ri-å).
Convolvulus—(kon-vol′vū-lus).
Corallina—(kor-a-lī′nà).
Cordata—(kôr-dā′tà).
Cordyline—(kôr-di-lī′nē).
Coreopsis—(kō-rē-op′sis).
Coriaceous—(kō-ri-ā′shius).
Corm—(kôrm).
Corniculata—(kôr-nik-ū-lā′tà).
Cornus—(kôr′nus).
Corolla—(kō-rol′à).
Corona—(kō-rō′nà).
Coronilla—(kor-ō-nil′å).
Cortex—(kôr′teks).
Corydalis—(ko-rid′a-lis).
Corymb—(kor′imb).
Corypha—(kor′i-fà).
Cosmos—(koz′mos).
Cotinus—(kot′in-us).
Cotoneaster—(kō-tō-nē-as′ter).
Cotyledon—(kot-i-lē′don).
Crambe—(kram′bē).
Crassula—(kras′ū-lå).
Cratægus—(kra-tē′gus).
Crenata—(krē-nā′tå).
Crenulata—(kren-ū-lā′tå).
Crinita—(krī-nī′tà).
Crinum—(krī′num).
Crispa—(kris′på).
Cristata—(kris-tā′tå).
Crocus—(krō′kus).
Crotalaria—(krō-ta-lā′ri-å).
Croton—(krō′ton).
Cruciferæ—(krö-sif′e-rē).
Cryptogam—(krip′tō-gam).
Cryptogamous—(krip-tog′a-mus).
Cucurbitaceæ—(kū-ker-bi-tā′sē-ē).
Cuneatum—(kū-nē-ā′tum).
Cuphea—(kū′fē-å).
Cupressus—(kū-pres′us).
Cuspidata—(kus-pi-dā′tà).
Cyanus—(sī-an′us).
Cyanea—(sī-ā′nē-å).
Cyathea—(sī-ath′ē-å).
Cycad—(sī′kad).
Cycadaceæ—(sik-a-dā′sē-ē).
Cycas—(sī′kas).
Cyclamen—(sī′klå-men *or* sik′la-men).
Cydonia—(sī-dō′ni-å).
Cymbidium—(sim-bid′i-um).
Cyme—(sīm).
Cyperus—(sī-pē′rus)
Cypress—(sī′pres).
Cypripedium—(sip-ri-pē′di-um).
Cytisus—(sit′i-sus).

D

Dactylis—(dak′ti-lis).
Dactylifera—(dak-til-if′er-å).
Daffodil—(daf′ō-dil).
Dahlia—(dä′liå).
Dalea—(dā′lē-å).
Daphne—(daf′nē).
Darlingtonia—(där-ling-tō′ni-å).
Dasylirion—(das-i-lir′i-on).
Datura—(dā-tū′rà).
Davallia—(da-val′i-à).
Davidiana—(dā-vid-i-ā′nå).
Davidsoni—(dā-vid-sō′nī).
Dealbata—(dē-al-bā′tà).
Deciduous—(dē-sid′ū-us).
Decumbens—(dē-kum′benz).
Decussata—(dē-ku-sā′tà).
Deliciosa—(dē-lis-i-ō′så).
Delphinium—(del-fin′i-um).
Dendrobium—(den-drō′bi-um).
Dendrocalamus—(den-drō-kal′a-mus).
Dendrology—(den-drol′ō-ji).
Dentata—(den-tā′tà).
Denticulata—(den-tik-ū-lā′tà).
Deodar—(dē-ō-där′).
Desmodium—(des-mō′di-um).
Deutzia—(doit′si-å).
Dianthus—(dī-an′thus).
Dicentra—(dī-sen′trà).
Dicksonia—(dik-sō′ni-å).

Dicotyledon—(dī-kot-i-lē'don).
Dictamnus—(dik-tam'nus).
Dieffenbachia—(dē-fen-bak'i-å).
Dielytra—(dī-el'i-trå).
Diervilla—(dī-er-vil'å).
Digitalis—(dij-i-tā'lis).
Diœcious—(dī-ē'shus).
Dionæa—(dī-ō-nē'å).
Dioscorea—(dī-os-kō'rē-å).
Diosma—(dī-os'må).
Diospyrus—(dī-os'pi-ros).
Discolor—(dis'kō-lor).
Distichous—(dis'ti-kus).
Dodecatheon—(dō-de-kath'ē-on).
Dolichos—(dol'i-kos).
Donax—(dō'naks).
Doodia—(dö'di-å).
Doronicum—(dō-ron'i-kum).
Dracæna—(drā-sē'nå).
Draco—(drā'kō).
Dracocephalum—(drā-kō-sef'a-lum).
Dracunculus—(drā-kun'kū-lus).
Drosera—(dros'e-rå).
Dulcamara—(dul-ka-mā'rå).

(To be continued.

VANDA SANDERIANA.

The accompanying illustration of Vanda Sanderiana is reproduced from a photograph made in the greenhouses of Harry G. Selfridge, at Lake Geneva, Wis., and the following note is supplied by C. H. Gebhardt, the head gardener there:

"The leaves are twelve to fifteen inches long, one inch broad; seven to ten flowers on the spike. The flowers are three and one-half to four an one-half inches in diameter, pale brown at the base, the upper portion light purple, bracts pale yellow green; sepals broadly obovate, the dorsal delicate rose color with white, the lateral tawny yellow with red, petals colored like the dorsal sepal, with a tawny blotch, spotted red, lip variable in color, dull tawny yellow, streaked with red on the inner side. It is from Davao, on the southeast coast of Mindanao, Philippine Islands, and was discovered by M. Roebelin in 1882 and sent to Messrs. Sander & Co. It is a very rare orchid. Some say that it is extinct.

"Vanda Sanderiana produces the largest flowers of any plant of the vanda tribe. We keep the vanda (or as it is rightly named now, Esmaralda Sanderiana), in the hottest part of the East Indian house and give liberal water to the roots. We always keep them sufficiently moist to preserve the leaves from turning yellow or shriveling. We give them an equal mixture of osmunda roots and live sphagnum moss and mix in a few pieces of charcoal and pot shreds. We grow them in baskets suspended from the roof and give them rather little shade. The less they have the better they will flower."



Vanda Sanderiana.

AMONG THE GROWERS.

In the Boston District.

A considerable number of florists' establishments are to be found in the Dorchester district of Boston. Chances for their expansion are lessening each year, as the rapid spread of the city is enclosing some of them to such an extent that they must soon go farther afield. Some of the growers sell practically all their output at retail, while others wholesale everything. While none of the plants are as extensive as some a little further away from the city, in the aggregate they cover a large area of glass. More than one short day is needed to visit these places and those omitted will be looked up at a later date. The Dorchester florists seem to be a happy, contented, industrious, and in most cases a prosperous class. They seem to get a good measure of enjoyment out of life and very naturally class their section as one of the best in the United States.

Samuel Niel.

Our first call was at Samuel Niel's, on Washington street. Sam seems as young and athletic as when we first met him, some years ago. Two of his sons are with him in the business and are bright, hard working young men. While a variety of stock is grown here, carnations are given the most space. Varieties succeeding particularly well are Lawson, Fair Maid, Queen and Boston Market. Some fine poinsettias were noted in benches. Quite a number of azaleas are grown for retailing, including a fine batch of that bright little variety, Firefly, which is counted the best seller. Roses, violets, palms and bedding stock are handled, nearly everything being sold at retail.

C. E. Dickerman.

C. E. Dickerman, at Harrison Square, has a carnation house 59x160 feet containing over 10,000 plants, in charge of Charles Matthews. White Lawson was the best of its color. The Queen and Boston Market are also grown. Maceo and Roosevelt are grown as crimsons. Flamingo as a scarlet would need to sell at $10 per hundred to be profitable in winter, as it was giving very few flowers. Fair Maid, Enchantress, Mrs. Patten and Lawson are other sorts grown. One house is devoted to Princess of Wales violets.

F. W. Holbrow.

F. W. Holbrow, on Harvard street, brother to E. E. Holbrow, of Brighton, has a nice, steam-heated plant. A house of Brides and Bridesmaids 17x166 looked well, as did a similar-sized one of carnations. Fair Maid, Wolcott, Lawson and Queen were very good. In another house, mostly planted with double violets and grown very cool, a bench of Fair Maid carnations planted late were noticeable for their large flowers, fine color and stiff stems.

Patrick Boyle.

Patrick Boyle rents the C. V. Whitten plant, at one time managed by Lawrence Cotter. In the old range two houses each of Carnot and Kaiserin looked first-class. Two houses were devoted to Easter lilies and one to Carnation Boston Market. In the new ranges two large houses each are filled with Bride and Bridesmaid. All these were in very fine condition. Several houses are also devoted to carnations, principally Lawson, Maceo and Boston Market. A house of Lawson grown inside all summer was a mass of bloom and the stems were double the length of those grown outdoors during summer. Quite a lot of bedding stock is raised here, also Boston ferns and Asparagus plumosus. Mr. Boyle certainly has everything in excellent shape here.

L. H. Foster Estate.

At the Lucius H. Foster place we found Daniel E. Sullivan, who, with Philip J. McGrath, his partner, manages this and the Thos. H. Meade place, which they hire. They have about 35,000 square feet of glass in all. These two obliging and hard working young men seem to be doing well and their

stock is in fine condition. Boston ferns are their leading specialty, house after house being planted with them. Very few of the variety Anna Foster are now grown, on account of its variability, but we noted some 400 plants of an extremely promising sport from that variety with the characteristics of Anna Foster at its best. Not a single frond has so far shown any tendency to revert to the Boston type. Trade in Boston ferns has been extra good this season and business very satisfactory. In addition to ferns, palms and Dracæna Australis are grown in quantity. About 125,000 bedding plants, such as geraniums, coleus and alternantheras are provided for spring sales. Everything on this establishment is sold at wholesale.

Thomas Stock.

Thomas Stock, on Minot street, has two houses 35x135, snugly located on a side hill. About 10,000 carnations are grown. Flora Hill is considered the best white and looked well, as did Fair Maid and Lawson. Hardly any other sorts are grown. Princess of Wales and Farquhar violets looked well, the last named especially so. Cornflowers are grown in considerable quantity and a bench of pink bouvardia was in fine shape for Christmas trade.

Hannan & Son.

William Hannan & Son have a fine, up-to-date plant on Codman street. Heating here is all by steam. Three large houses of Brides and Maids could hardly have been better. Carnations filled two houses, varieties grown being Fair Maid, Lawson, Wolcott, Boston Market and Roosevelt. These were all in fine shape. Two divisions were devoted to chrysanthemums. A good batch of that fine old yellow variety, W. H. Lincoln, would be just right for Christmas.

terprising firm has a large and increasing plant trade, not only in Boston and vicinity, but in quite distant points. Palms are still one of their leading specialties and all the popular trade varieties are grown in quantity. In addition to Kentia Belmoreana and K. Forsteriana and Areca lutescens, which are most largely grown, smaller lots are seen of a number of other sorts. Areca sapida and Caryota majestica were especially noteworthy. The last named is much better than C. urens. Kentia Sanderiana and K. McArthuri are classed as of no value as trade varieties. A limited sale is found for Phœnix rupicola and P. Canariensis. Cocos Weddelliana in small sizes is handled in quantity for the center of fern dishes.

Dracæna terminalis is a popular sort and batches of D. Godseffiana and Sanderiana are also grown. Rubbers, araucarias, crotons, Pandanus Veitchii and P. utilis, aspidistras, Aralia Sieboldi variegata and marantas are also grown. About 12,000 genistas in various sizes are handled. Acacia armata is the only species of that family grown. Azaleas are one of the specialties for which this firm is noted, 8,000 being disposed of during the season. A house containing 1,200 was just in the right condition for the Christmas trade. A few of the leading sorts grown are Vervæneana, Simon Mardner, Professor Wolters, Flambeau, Deutsche Perle, Firefly, classed as the best seller on the list; Mme. Van der Cruyssen and Emperor de Brazil.

Several thousand lilies are grown for Easter trade. A good lot of the buttercup primrose, probably a form of Primula sikkimensis, was noted flowering with great freedom. A starter in orchid culture was evidently a batch of that grand winter flowering variety, Calanthe Veitchi. Small ferns in thousands are han-

Conservatory of H. H. Rogers, Fairhaven, Mass.

Callas, stocks, stevia and a few other catch crops are also grown.

Leuthy & Co.

The plant of A. Leuthy & Co. is not in Dorchester, but it is only a short walk from Dorchester to Roslindale. We were fortunate in finding David Lumsden, one of the firm, at home. This en-

dled for use in fern dishes, pteris in variety being mostly handled. Everything on this place reflected credit on the two energetic members of the firm. We expect to see them increase their plant ere long. W. N. Craig.

The California tomato seed crop is proving disappointing all around.

OIL KING'S GREENHOUSES.

The garden committee of the Massachusetts Horticultural Society paid a visit on November 2 to the greenhouses of H. H. Rogers, the well known Standard oil magnate, of Fairhaven, Mass., to inspect his house of specimen chrysanthemums arranged with foliage plants and entered for the John A. Lowell special prize.

The house containing the plants was seventy-five feet long and contained some remarkably fine specimen plants, which averaged five to six feet in diameter. Some of the best varieties in the collection were W. H. Lincoln, Mutual Friend, Dr. Enguehard, which makes a beautiful specimen plant; General Maceo, a fine crimson; Wm. R. Church, Calvat's 99, Columbia and Kate Broomhead. A large quantity of plants were grown in 6-inch pots, carrying one flower each, and were well done.

Victoria, a seedling anemone, raised by Mr. Garthley, the head gardener to Mr. Rogers, and certificated in Boston on November 19, was much admired. Some fine plants of the popular Garza were also seen. Mr. Rogers opened his greenhouses to the public for several days during the second week in November and a large number of residents in Fairhaven and New Bedford availed themselves of the opportunity to view the collection. W. N. C.

SHAW'S GARDEN.

The following is an extract from a paper by Wilhelm Miller read at the meeting held at St. Louis early in November for the inception of National Council of Horticulture:

Henry Shaw was an Englishman who made a fortune in the hardware business in St. Louis, retired early, made the most famous private garden between the Mississippi and the Pacific coast, and got from a return trip to England the idea of an institution in St. Louis, like Kew, the most famous botanical garden in the world. The time was not ripe for a great scientific institution. There was no first class university in St. Louis, nor in the prairie states for that matter, with which the garden could be advantageously connected, for Washington University was then a small affair and not very promising, although it has developed so astonishingly in the last five years that it is now rapidly forging to the front. Doubtless Mr. Shaw was wise in preferring to have the garden pay $25,000 a year taxes than to dwarf the enterprise by making it a mere annex of a struggling young college. The history of the first agricultural college in the world, the one at Michigan, shows the same thing, for it would never have amounted to anything as a department of the state university, since the agricultural college was a protest against the classical education of the day and one of the first expressions of a desire for technical training in the practical business of life. It was the misfortune of Mr. Shaw's time and place that he could not make a successful triangular bargain with a college and the city, so that he could not get the peculiar multiplying value that comes from such a junction of forces.

Nevertheless, the Missouri Botanical Garden has made a splendid showing. The one thing that the horticultural visitor to the World's Fair cannot afford to miss, is a visit to the Garden. He can



Conservatory of H. H. Rogers, the Standard Oil Magnate, at Fairhaven, Mass.

well afford to omit the Pike in its favor. He will be too late to see the showy outdoor features, but he will find that every greenhouse has a theme of its own, one house being devoted to orchids, another to acacias, another to century plants, and for every man in this audience it is the chance of a life-time to see a big collection of cacti and other desert plants. The visitor will see the great botanical and horticultural library of 36,000 volumes, including the wonderful collection of herbals and pre-Linnean works given by Dr. Sturtevant, formerly director of the New York Experiment Station; the herbarium of 400,000 specimens, which will settle for you any troublesome question about a species that you are likely to have. You will get some glimpse into the wonderful method of working and note-taking which enabled the leading German physician in St. Louis, Dr. Engelmann, to achieve a world-wide reputation in botany and to earn the title of "the most painstaking botanist America has ever known." You may see the valuable work which is being carried on in diseases of trees and the preservation of railroad and ship timbers in co-operation with the United States Department of Agriculture.

There is so much to see that the visitor may be tempted to omit the training school for gardeners, but anyone who can see with the eye of imagination should not fail to catch a glimpse of the two great new plantings in which hardy trees and shrubs will predominate, sixty acres of which will be a North American tract, representing the passing botanical system of Bentham and Hooker, while eighty acres will be devoted to the coming system of Engler and Prantl.

One phase of the Missouri Botanical Garden is sure to strike every visitor. It is no cold-blooded, abstract institution, with no care for the real wants of the people, but a place that is full of the personality of a man with good red blood in his veins. Here is the man's country house, just as it was in his lifetime, his city house moved thence and set up again to serve as herbarium and office, his vegetable garden, his smoke-house, where he prepared his own hams, and a hundred other things that speak of a gentleman's estate. Henry Shaw liked flowers and lots of them and he fixed it in his will so that there would be plenty of flowers for the people, arranged in forms that they can really enjoy. If you despise carpet bedding, barely tolerate parterre work and take only the mildest interest in formal gardening of every kind, it is because you have not visited Shaw's Garden and seen some really good examples. Is it any wonder that Shaw's Garden has a unique place in the affections of the people of St. Louis? The horticultural visitor who comes out of the World's Fair and inquires of the nearest policeman or citizen the way to the Missouri Botanical Garden is likely to be answered with, "Oh, you mean Shaw's Garden. Why, you take the Olive Street car to Vandeventer and take a south bound car marked Shaw's Garden." There could be no surer sign that this scientific institution is in close touch with the people.

But this very warmth of personality which makes every visitor's heart kindle toward the place is itself a limitation to a certain extent. Henry Shaw made mistakes. He was shrewd enough about the things of his own time, but he could not foresee the future any more than we can. Perhaps there were good reasons in his time for not letting the people enjoy the garden on Sundays, but there is no good reason for it to-day save the dead hands that reach out of the past and keep the gates shut except for two Sundays during the summer, when by the provisions of the will the public may enter. Forty-three thousand persons did enter Shaw's Garden on those two Sundays last year. Again, Henry Shaw believed that the best way for the garden to make money was to hold forever all the lands he gave it and not part with any portion of it only on long-term leases. He could not foresee that a certain part of that property could never be made to yield an income on that basis. Fortunately the courts have allowed the Garden to sell this portion and invest the money in a more profitable way, so that the income of the Garden is greatly increased, a result which Henry Shaw would never have deprecated.

ST. LOUIS.

Club Meeting.

The December meeting of the Florists' Club Thursday afternoon, December 8, while not so largely attended as was expected, proved very interesting. The meeting was called to order by ex-President Beneke, as President Juengel was reported sick and Vice-President Pilcher absent, but the latter took the chair later and filled it in an able manner. Three new members were elected, Swan Peterson, of Gibson City, Ill.; C. C. Sanders and F. H. Weber. The trustees were not ready to report on the list of essays and were given until the next meeting.

After the regular business of the meeting was transacted the question came up as to what disposition should be made of the money left over from the guarantors' fund of the S. A. F. convention. After heated argument it was decided that the money should be paid back to the members in proportion to their subscriptions. The treasurer's report showed that the club is in fine shape financially, also in membership. The chair appointed a committee of three to ascertain how many members will attend the carnation meeting at Chicago next month, also to look up best possible rates. The committee is J. J. Beneke, F. M. Ellis and J. F. Ammann, and will report at the next meeting, which will be held January 12, at 2 o'clock, at

which time a discussion is invited on Christmas business by some of the leading retailers and wholesalers. An exhibition of new carnations is also expected.

The Market.

Trade during the past week was somewhat quiet, many of our retailers complaining. Shipping orders with the wholesalers are, however, up to the average. Some of our west end florists report quite a few Christmas orders already placed.

From advance price lists for Christmas flowers it looks as though stock is going to be high priced. As to supply, we are still in doubt at this writing. There is sure to be a better supply of carnations this year. These flowers are at present plentiful and of fine quality and prices continue good. Roses, too, are in abundance just now, especially Bride and Maid. Some extra fine Liberty and Meteor are also in; Golden Gate and Carnot not so many. Beauties are scarce, that is, in the long, fancy grades.

There are plenty of double and California violets in the market, with the demand a little slow last week, quality extra fine. Good valley holds up in price. Romans are very plentiful and so are Paper Whites. Harrisii and callas continue to improve in quantity. There is plenty of good smilax to be had, also other greens.

Orders for Christmas greens are reported good. Some very fine holly and mistletoe are in the market. Lycopodium is reported scarce, commission men holding out for $6 and $7 per crate of 100 pounds. Holly is $5 per case.

Various Notes.

George M. Kellogg was in town Thursday to attend the Florists' Club's meeting. Mr. Kellogg reports trade fine at his place, with plenty of shipping orders for the holidays.

Wm. Winter, Henry Berning and F. W. Ude, Jr., were out visiting the craft in St. Louis county the past week.

A. Jablonsky is again in line with a fine lot of Begonia Gloire de Lorraine, for which he has a big shipping trade, also supplying the local trade for Christmas.

Fred Ammann, of Edwardsville, and Henry Johann, of Collinsville, Ill., attended the Florists' Club's meeting last week. Both are shippers to this market.

E. W. Guy and Henry Emmons, of Belleville, Ill., were also on hand at the meeting. Both report good local trade in cut flowers.

The Bentzen Commission Co. is handling some extra fine holly, mistletoe, lycopodium and other Christmas greens.

Wm. Bouche, the landscape gardener, has plenty of work on hand for the Park View Real Estate Co. and Richmond Heights Co., which are laying out large plats of ground near the World's Fair.

Wm. Lorenzen, of the Park Floral Co., reports trade good in funeral work and plants.

C. Young & Sons Co. is showing a fine lot of blooming plants at the store on Olive street. Business in fall bulbs has been brisk.

Miss Theresa Badaracco reports a big run on funeral work the past week. Trade is also good in cut flowers and bunches.

J. J. B.

PHILADELPHIA.

The Market.

The supply of cut flowers has been further reduced by the severe weather, which has set in early this season. The week opened with the thermometer 2 degres above zero. On Sunday morning another snow storm followed, interfering considerably with business. Prices are higher on choice stock. Roses and carnations are in demand. Violets and valley sell slowly, while Romans and Paper Whites are overdone.

Leo Niessen, in discussing the outlook for Christmas business, said he believes the supply of flowers will be very large, despite unfavorable weather; that the demand will equal the supply, at prices which, on roses at least, will not be higher than last season.

A Notable Dinner.

The dinner given at the Bellevue-Stratford at noon last Saturday by Thomas Dolan, to the Contemporary Club, was a remarkable affair. The table was laid in the clover room, the guests, 200 in number, being seated around the outside of a hollow oval. The open space in the center was about 30x70 feet, laid out as a park, with trees, deer and blooming plants. The effect was very striking. Poinsettias, Easter lilies, Beauties and choice ferns were used in masses. The boutonnieres were Prosperity carnations, very appropriate for so successful a body of men. The work was executed by J. J. Habermehl's Sons.

Christmas Flowers.

The experience of past years has shown that there is usually an excellent demand from December 19 to 22, to which the supply has not been equal, that from December 23 to 25 many stale flowers have come to market that have been sold at low prices or wasted entirely. It is necessary for the grower to hold back a day's cut, or even two days', before Christmas. But the grower who does more than this is simply throwing away money, besides doing his business a distinct injury.

Godfrey Aschmann.

I met David Rust the other day in front of the Cut Flower Co.'s place on Sansom street. "Oh, by the way," he said, with one of those joyous smiles of his, "you must go up and see Godfrey Aschmann." A few days later the chief sent this laconic order, "Call on Godfrey Aschmann." Now, when the opposition and the government do chance to agree on anything, that thing is pretty sure to happen, so putting aside the promised visit to John A. Shellem, I repaired forthwith to 1012 Ontario street. Godfrey Aschmann was at home and very courteously conducted his visitor through his greenhouses. The Christmas stock, consisting of araucarias, ficus, azaleas, solanums, Boston ferns, primroses, etc., has evidently been going out rapidly. There are still quite a number left, but not more than seems probable will be required in the remaining days before Christmas. There was a clean, nicely budded lot of azaleas being carried cool for Easter, also a large block of lilies carefully labeled with size and name of grower to test their quality. Most of them were healthy, stocky-looking plants, nicely started. Cinerarias will form a very important part of the place during the next few months. So also will the Dutch roots and bulbs. Three of the houses have been rebuilt with Lord & Burnham material, as previously mentioned in this column. The thing that most impressed me about Godfrey Aschmann's place was Godfrey Aschmann himself, the pluck, perseverance and shrewdness that has enabled him to carry on so large a business. His orders have come from as far west as California and Oklahoma and embrace nearly all the central states, as well as those of the eastern seaboard.



Corner in J. J. Habermehl's Sons' New Store, Philadelphia.

Various Notes.

Do not pickle your stock.

A. B. Cartledge returned from a gunning trip in the south a few days ago.

Pickled flowers do not pay.

Paul Berkowitz, of the firm of H. Bayersdorfer & Co., returned on Mon-

day from a very encouraging business trip.

Flowers that will not keep until Christmas will bring good prices early next week.

Edward Reid has returned from the south.

Full blown, faded or discolored flowers do not pay at Christmas, or any other time.

John Wilson is in charge of J. J. Habermehl's Sons' beautiful new store in the Bellevue-Stratford Hotel.

Arthur Zirkmann, with M. Rice & Co., has returned from a successful business trip.

A serious fire broke out in the boiler shed of William Berger, on Queen street, one night last week. The shed, the ends of the nearest houses and some of the stock were damaged. The loss is estimated at $500.

Eugene Bernheimer is receiving some choice Golden Gates.

Edward Reid is receiving some very fine valley.

Berger Bros. are making hardy ferns of good quality a specialty.

The Flower Market is strong on Beauties and poinsettias. They also handle William K. Harris' choice Christmas blooming plants. PHIL.

for the second visit this season with his decorative stock for the holiday trade.

We are very glad to state that William Scott is recovering from his severe illness and we hope that within a few days he will be with us again. R. A. S.

BOSTON.

The Market.

We are now having very cold weather, winter having apparently started in good earnest. Conditions in the market show no important changes since our last report. The cold weather has hurt business to some extent, retailers purchasing more sparingly. This was particularly noticeable on Saturday. There is little change in the price of roses. Best Brides and Bridesmaids clean out at $12.50 per hundred. Carnations sell at $3 to $4 for select stock, some extra fancies bringing up to $6. Prospects are for a comparatively light crop of these for Christmas. Violets are rather scarce and clean out readily. The best poinsettias have brought $6 per dozen. Quite a number of Lilium Harrisii are now coming in, E. N. Peirce & Co. bringing the largest quantity to the Park street market. Mignonette is selling at higher



Show Case in J. J. Habermehl's Sons' New Philadelphia Store.

BUFFALO.

During the past week one of Buffalo's most popular business banks was forced to close its doors. Many of the Buffalo florists were among the 8,000 depositors, but none were so unfortunate as to be heavy losers. We hope this will have no bad effect on the Christmas trade but with 8,000 depositors and six millions deposits it is sure to cause some effect.

The flower stores are filled with the Christmas novelties and all things point to a good Christmas. The main show is mostly made up of Lorraine and poinsettias. A great many baskets are being used, especially the moss work.

We are receiving very few visitors at the present time. Mrs. Walker and McLean, of Youngstown, spent a few days here last week. Mr. Peterson returned

rates, the most select going for $8 per hundred. Paper White and double Roman narcissi and Roman hyacinths sell rather slowly, as does bouvardia. Stevia is in good demand. Green stock is unchanged. A good many holly and other wreaths, with a variety of other Christmas greenery, are now coming in.

Horticultural Society.

The following are the committees appointed to serve for the year 1905:

Committee on prizes and exhibitions, J. K. M. L. Farquhar, chairman; A. H. Fewkes, J. A. Pettigrew, W. N. Craig, W. H. Spooner and W. W. Rawson.

Plants and flowers, A. H. Fewkes, chairman; James Wheeler, Robert Cameron, William Nicholson and W. N. Craig.

Fruits, Warren Fenno, chairman; Charles F. Curtis and J. W. Hill.

Vegetables, W. W. Rawson, chairman; Warren H. Houstis and J. C. Stone.

Gardens, Oakes Ames, chairman; George Barker, W. P. Rich, J. A. Pettigrew, A. H. Fewkes, C. W. Parker, H. P. Wolcott and W. N. Craig.

School gardens and native plants, H. S. Adams, chairman; C. W. Jenks, Miss Mary Rodman, W. E. C. Rich and W. P. Rich.

Finance committee, Walter Hunnewell, chairman; A. F. Estabrook and George F. Fabyan.

Library committee, C. S. Sargent, chairman; Samuel Henshaw, C. W. Jones, H. P. Wolcott and T. Otis Fuller.

Lectures and publications, J. W. Manning, chairman; James H. Bowditch, E. W. Wood, R. T. Jackson and E. B. Wilder.

The following prizes have been awarded by the garden committee: Best house of chrysanthemums in pots arranged with other plants, first, Converse estate, D. F. Roy, gardener; second, H. H. Rogers, James Garthley, gardener. House of chrysanthemums grown in benches, first, M. F. Plant estate, T. W. Head, gardener; second, Converse estate. House of palms and foliage plants, first, Joseph H. White, James Wheeler, gardener; second, Mrs. J. L. Gardner, Wm. Thatcher, gardener. House of carnations, first, M. F. Plant estate; second, E. A. Clark, W. A. Riggs, gardener. House of roses, first, M. F. Plant estate; second, Joseph H. White. Special gratuities were awarded to W. G. Winsor for dahlia gardens, T. D. Hatfield for superior care of Hunnewell estate, N. B. White for improvement in native grapes and H. A. Stevens Co. for house of mushrooms. The estate of Mrs. J. L. Gardner entered for the Hunnewell triennial premium for first year was favorably reported on.

The Stevens Place.

The garden committee on December 9 visited the establishment of H. A. Stevens Co., Dedham, to inspect their cellar of mushrooms. The cellar utilized for mushroom culture covers about 2,000 square feet. American pure culture spawn is used exclusively, and the results certainly justify the selection, for the beds were simply white with mushrooms in various stages of development and the members of the committee were unanimous in pronouncing the crop far the best they had ever seen. Mr. Stevens states that the temperature of the cellar varies from 50 to 54 degrees and, while the mushrooms do not grow so quickly in this temperature, they are harder and better for marketing than when grown warmer.

An inspection of the houses of carnations grown by the firm was also made, all the plants being in fine condition. Fair Maid, Mrs. Patten, Enchantress, Lawson and other leading sorts are grown. Several good seedlings are also under trial.

Various Notes.

The Boston Co-operative Flower Market, better known as the "new market," will offer prizes for the following at the exhibition at Horticultural Hall on February 11. Fifty Carnation Fair Maid, twenty-five carnations, any variety not in commerce; twenty-five red roses, American Beauty included; 100 Princess of Wales violet, 100 Campbell violet, 100 sweet peas, twenty-five spikes mignonette. These added to the prizes offered by the society and the members of the Park Street Market will insure a fine winter show.

Latest reports from J. T. Butterworth were rather more encouraging and his many friends hope that the worst is now over and that he may soon be strong enough to be removed to his home.

Donald Carmichael, of Wellesley,

showed two seedling carnations at the new market on December 10 which attracted much favorable notice. One is a pure white seedling from Prosperity, about four inches in diameter. The other is a dark pink variety, a cross between Lawson and another of his own seedlings. The flower is over three inches in diameter, finely fringed and has a delightful odor. Each of these is likely to be heard from in the future.

E. N. Peirce & Co. have a new scarlet seedling carnation, Lawson x Crane, with an improved Crane flower and Lawson habit, which seems likely to be a winner. They have about 400 plants and intend to cut all these down for propagating purposes after Christmas.

The new market managers want to impress the fact upon visitors that theirs is purely a wholesale market and have just had large signs prominently placed with the wording, "Positively no flowers sold at retail."

Robert Montgomery is bringing in some fine Mrs. Oliver Ames roses to the new market. These sell readily at $6 to $8 per 100.

Gardeners' Club.

The attendance at the next meeting of the Gardeners' and Florists' Club is likely to be a record breaking one, unless all signs fail. Numerous proposals for membership will be presented. Quite a number of rose and carnation novelties will be shown, including Richmond rose, Fiancee and other new carnations and other interesting flowers. E. G. Hill, of Richmond, Ind., has been one of our visitors during the present week and has been looking up some of our leading carnation, rose and chrysanthemum specialists. Probably he may remain over until our next club meeting, which would give him just time to get home for Christmas.

David Lumsden, of A. Leuthy & Co., will be the speaker at the club meeting on December 20, his subject being "Ferns." Indications point to a good delegation visiting Framingham on the next field day, December 17. Members will go by Boston and Worcester air line electric, leaving Park Square at 12:45 p. m.

H. M. Robinson & Co., on Province street, are doing a big business in Christmas greens at present and carry an enormous stock of holly, box green and laurel, as well as immense quantities of galax leaves, smilax and hardy ferns.

Prospects are good for Christmas flower trade. If too much of the pickling process is not tried growers will be able to sell out everything in sight, as some crops promise to be comparatively light at that time. W. N. Craig.

BAY CITY, MICH.

With an abundant crop of roses, carnations and violets in sight for Christmas, Boehringer Bros. are by no means worried over the prospects. Business, in fact, was brisk all through the season, stock of all kinds selling readily at fair prices. A bench of poinsettias in full bloom, with stems nearly touching the glass, is one of the interesting sights on the place. What is equally interesting to the proprietors is the fact of the entire lot being sold weeks in advance.

Another attractive feature on the place is a house of seedling carnations of various sizes and colors, which for quantity of bloom surpass the few standard varieties, such as Lawson, Enchantress and Flora Hill. Although no exhibition varieties, they are money makers, a thing worthy of consideration. Chrysanthemums sold well and more will be grown next season.

There will be extensive alterations and improvements made on the place in the early spring, chief of which will be the rebuilding of three houses, each to be lengthened 100 feet. X.

NEW YORK.

The Market.

A week of cold weather was followed on Monday by a downfall of the beautiful that presages an old-fashioned Christmas. The market has been holding up its head and putting on airs accordingly. Retail stores are alive with business and busy with preparation for what promises to be a record Christmas. The men who buy flowers have been making money.

The daily demand cleans out the supply of roses that now reach the market. If a healthy, natural and daily shipment is made for Christmas, growers, wholesalers and retailers will all be satisfied. But it is too much to hope for. Experience teaches year after year and still the growers pickle. If the wholesalers will unite loyally to each other's interests to stamp out this practice by refusing to accept kept-over goods or marking such shipments "unsalable" on their returns, one such lesson would open blind eyes.

The indications now are for a demand which will take everything good at good prices. Roses have all advanced and are already close to Christmas values. Carnations are abundant, but prices are at an encouraging standard. All the novelties are in great demand, Enchantress, Victory, Prosperity and Robert Craig especially. A few good chrysanthemums remain. Doubtless a few will hold until the holidays. Lilies sold as high as 20 cents each during the week. Violets hold steady at $1 to $1.50 for the best, the latter price being reached but seldom and only for specials in bunches of 100. The prospect is for an abundant supply for the holidays.

The general demand for orchids is on the increase. Calls are made on the New York wholesalers from all the large cities. A wonderful increase in their popularity is developing. Cattleyas in some cases brought $1 each this week and it looks as though the retailers who want a supply for Christmas would act wisely by placing orders without delay.

No plant this year seems to be so universally popular as Begonia Gloire de Lorraine. Every window is now full of them. The great supply prepared for the New York market by the Cottage Gardens, Julius Roehrs and other plant experts of this vicinity will be completely depleted. The grand display of this plant in all sizes at Mr. Ward's, filling house after house, was one of the most interesting features of the New York Club's outing.

Club Meeting.

The final meeting of the Florists' Club for 1904 was held on Monday evening, President Traendly in the chair. Notwithstanding a miniature blizzard, the attendance numbered over eighty and it was one of the most interesting meetings of the club's history. The committee of awards brought in its several reports conferring certificates of merit upon Victory, Lieut. Peary, Robert Craig and Phyllis.

E. J. Taylor, Southport, Conn., was elected a member and Robert Simpson, Geo. Darsley, M. Matheson, C. H. Totty, John Zoller and Jas. Hart, Jr., were proposed. Secretary Young was called upon for a report of the club's outing at Cottage Gardens and gave an interesting address. Mr. O'Mara also paid tribute to the kindness of Mr. and Mrs. Ward and a vote of thanks was given for their delightful hospitality. After Mr. Burnie, Mr. Langjahr, Mr. Butterfield and Mr. Elliott withdrew as candidates, the election of officers proceeded, with the following result: President, F. H. Traendly; vice-president, J. A. Shaw; secretary, John Young; treasurer, C. W. Weathered; trustees, W. F. Sheridan, John Scott, Alex. Burns, L. B. Craw, J. I. Raynor. Beginning with the president, each was called on for a speech, those who were re-elected modestly giving credit to the membership itself for the year's success, the others pledging their best efforts. J. B. Nugent addressed the club, humorously summing up his commissary contributions of turkey and champagne as a "dose of indigestion." The vote of thanks he received was very enthusiastic.

The resignation of one of the club's oldest and most honored members, John Morris, was accepted with regret. A letter from Henri Beaulieu was referred to the trustees. The announcement of the death of Mrs. Henry Hentz, mother of Henry Hentz, Jr., of Summit, N. J., was made and F. L. Moore, H. Beaulieu and S. C. Nash were appointed to draw up resolutions of sympathy. Messrs. Haffner, Sheridan and Weathered were appointed a committee to arrange for the club's annual dinner.

All the exhibits of the evening were highly commendable. Benj. Dorrance, of Dorranceton, Pa., staged Rose No. 6, a light pink, resembling Perle in bud and stem. The E. G. Hill Co. had Richmond and Rosalind Orr English. The new rose, Wellesley, from the Waban Rose Conservatories, of Natick, Mass., was also shown. Among the carnations were Fiancee, Lady Bountiful, Eclipse, Victory, Lieutenant Peary and Robert Craig. Mr. Ward also showed two unnamed seedlings. Geranium Telegraph was shown by DeVoy & Son, of Poughkeepsie.

A. J. Guttman read a paper giving the history of Victory and detailing its good qualities. An interesting address was made by E. G. Hill, who received a cordial welcome from the club. He commended the exhibit in the club's meetings and gave good accounts of the western flower shows. Mr. Duckham endorsed the remarks of Mr. Hill and commended especially the American Beauty exhibit at St. Louis. He also referred to Mr. Hill's modesty in making no reference to Richmond, which he had seen at headquarters and for which he predicted a great future. Mr. Dorrance said Richmond is the best red rose that has been produced in America. He asked the club to take more interest in the Rose Society. Mr. May spoke of the Wellesley rose and its keeping quality and Mr. DeVoy dilated upon the many merits of his geranium.

Cottage Gardens Visit.

The club's outing last Thursday, which the courtesy of C. W. Ward made



The Bobbink & Atkins Exhibit at the Recent American Institute Show, New York.

possible, was a red letter day in every respect. A special train carried over eighty to Cottage Gardens, where the day was spent in visiting the houses of carnations, Gloire de Lorraine begonias, the nursery, the cold storage houses and all the other interesting features of this great enterprise. Mr. O'Mara made an eloquent address in presenting the thanks of the crowd to Mr. and Mrs. Ward for their hospitality, to which Mr. Ward happily responded, according much that was being accomplished to the faithful cooperation of his assistants, of whom J. C. Gowing, the secretary and treasurer of the company, and M. Matheson are especially worthy of appreciation. A bountiful repast was provided.

Various Notes.

N. Lecakes & Co. have their Christmas branch this year at 37 West Twenty-eighth street, close to Broadway, where their windows are made very attractive with bell decorations. Their wholesale cut flower department is proving a genuine success.

Messrs. Kreshover, Fellouris, Cotsonas & Co., the Kervan Co., Herrmann, Hanfling & Kleppner and all the supply houses are simply overwhelmed with business. All say it is the greatest year they have ever experienced and at the present rate of demand there will be little of anything to shelve. Geo. Cotsonas & Co. have a large force at work night and day.

Sigmund Geller is delighted with the establishment of his headquarters on the ground floor. Not only has he found it an advantage in artistic window decoration, but his many customers appreciate the facilities for rapid selection.

Schloss Bros. made special preparations for Christmas and report a season of unequalled prosperity.

Lion & Wertheimer number among their patrons hundreds of the leading florists of the country, but their florists' department is only a small part of their extensive ribbon business.

The Hinode Co., with headquarters at Whitestone, is now ready for Christmas, both at the new houses and at Woodside. They have a grand stock of lilies, azaleas, ardisias and Japanese novelties.

Guttmann & Weber report many orders for Victory in 5,000 and 10,000 lots. It is not to be sent out for a year.

Charles Millang has excellent facilities for handling and exhibiting his stock, both cut flowers and blooming plants. The plant department was an instant success.

Jas. A. Hammond's Christmas would not be complete if he did not sell 1,000 orange trees. He has them, or had them before the orders began to arrive. He had booked over half of them a week ago.

Traendly & Schenck are closing a banner year. Their new store proves none too large for their enormous business. Chatenay and Uncle John roses are among their specialties.

Jos. S. Fenrich has adopted a good motto, "The reliable house," and is building fast on that foundation.

James Hart seems happy to be at the old stand again. Since 1871 he has held the fort. His son James, Jr., is a popular lieutenant and there is no reason why 1971 should not see the pioneer's name perpetuated.

We were indebted to J. K. Allen for the carnation list of Thanksgiving supply. In fact he had every kind enumerated on sale and will have again for Christmas. They talk of running him for mayor over in Jersey, where he sleeps.

The Beauty king anticipates no surplus of fine roses for Christmas. The record here is 12,000 Beauties in a day, but it will not be Christmas, 1904, when it is beaten.

W. H. Gunther is preparing for his usual violet business during the holidays. His business during 1904 was ahead of any previous year and he takes a very optimistic view of the future.

Everything in roses, carnations and violets is on exhibition, as usual, at Ford Bros., violets without limit.

The Queen of Edgley is handled by Moore, Hentz & Nash and the supply never approaches the demand for it.

A. H. Langjahr is handling a fine grade of carnations and roses and anticipates by far his largest Christmas. Mrs. Langjahr, while making her holiday purchases last week, was relieved of her purse containing her watch and money. Mrs. Junus Kretchmar, of West Nyack, aunt of Mr. Langjahr, has undergone a successful surgical operation.

A. L. Young & Co. are progressing and Mr. Young seems quite encouraged by the generous recognition he has received.

George Saltford's new store proves none too large for his increasing business. It has doubled in 1904. Clarence Saltford is an able vice-admiral.

John J. Perkins is receiving steady supplies of cypripediums.

Bonnot Bros. are shipping daily to Pennsylvania towns.

Frank Millang has always a good supply at his corner in the Cut Flower Exchange. The new rule adopted lately closes the exchange promptly at 5 p. m. Phil Kessler is now in charge and the new office and ice box are metropolitan.

Walter Sheridan keeps on the even tenor of his way unruffled by market fluctuations.

At John I. Raynor's, Croweanum still finds a resting place, but it doesn't rest long. The demand for it grows.

The output of the Cottage Gardens is at John Young's, as usual. Mr. Ward has a great supply for this seasan, as the cuting showed.

Wm. Ghormley reports 1904 a record breaker in every way. Renewed health and increasing numbers in the growing department indicate a continuance of the year's prosperity.

The orchid record for 1904 is history. The popularity of the flower has wonderfully increased and the demand grows constantly. Among others, with a commendable insistency, Jas. McManus has done his share to emphasize the importance of the orchid and to popularize it. His trade has increased with his enterprise.

The weather is the cause of several cases of colds that are persistent. Alfred Dimmock and Julius Roehrs have both suffered. Several of the wholesale cut flower men had been laid up a few days. Dan Sullivan, of the Cut Flower Co., has lumbago.

Suzuki & Iida's stock of pear seed has arrived in excellent condition. Their cold storage valley is close to the borderland. Another week will see the supply exhausted.

H. H. Berger & Co. have re-incorporated under the present firm name, which has been in use since 1878. The same conservative management as heretofore will be in charge. The members of the firm are H. H. Berger, H. B. Berger and John Graham.

One of Reed & Keller's Christmas specialties not before mentioned is rock verdigris green work in all varieties of form. Their business they declare to be the largest in their career.

Krick's new store at 1164 Greene avenue, Brooklyn, is very convenient and the manufacture of his letters and other novelties and inventions goes and grows merrily on.

W. H. Siebrecht, of Astoria, is now shipping daily to Alex J. Guttman, of West Twenty-ninth street, valley, hyacinths and other bulbous stock.

Young & Nugent have a very beautiful window for the holidays. They are handling exceptionally fine roses and orchids and their new store is proving a most satisfactory enterprise.

Crawbuck & Wiles are now permanently established at 370 Pearl street, Brooklyn, a fine central locality. They have a large supply of princess pine, a scarce article across the bridge.

Hicks & Crawbuck, the only florists' supply house in Brooklyn, report a large trade in this line, as well as in cut flowers.

Wm. H. Kuebler, at 19 Boerum place, Brooklyn, at Langjahr's old stand, has just installed a new ice box and completed a new office and is doing well. Two of his brothers are associated with him.

The F. R. Pierson Co. is much pleased by the reception given their new fern, Elegantissima. Its record at the show is certainly a credit to the firm.

W. E. Marshall & Co. are now established in their new quarters, 146 West Twenty-third street. They handle seeds, plants and bulbs and have a fine location.

The Review's New York representative had much to be thankful for at Thanksgiving and he wishes for all his friends and patrons as merry a Christmas and as happy a New Year as his own. J. Austin Shaw.

BEST IN CIRCULATION.

Enclosed find check to cover bill. Had very good success; sold out everything advertised. You have the best advertising medium and all-around florists' paper in circulation; anything else I have you will do the job. Geo. Milne.

Winchester, Mass., Sept. 29, 1904.

MENTION US TO ADVERTISERS.

One cannot be anything but pleased with the Review; the Special Number was a "beaut." Anything I can do to push a good thing along I will do with pleasure. H. P. Loding.

Mobile, Ala.

CHICAGO.

The Market.

Demand has been slow the past week but receipts have been light, so that values have been well maintained and advancing on certain lines. The call from out of town continues to take a general line of stock, except valley, Paper Whites and Romans, which are not wanted, but city business has been largely in the line of funeral work; consequently white carnations have at times been hard to find.

Receipts of roses increased to a considerable extent last week, but Beauties do not come under this head. They are still below the demand and prices working toward the holiday level. Brides and Maids are of a quality to afford greatest satisfaction. Some good Liberty are seen but cuts are decreasing, except with two or three exceptionally fortunate growers who bid fair to hit Christmas just right. Very fine Chatenay are offered, likewise Uncle John.

Carnations are in increasing supply, except white, but receipts are irregular, presaging stocking up for Christmas. When the growers interrupt the regular daily shipments it always happens that they ship on the days of light demand and do not ship the day the market is full of orders. Hudson river violets are not reaching this market so heavily as last season, the result of better values in New York, but sell well. Singles do fairly but Campbell again has slow sale. Mignonette is received in fair quantity and prices vary greatly, as does the quality. Stevia is abundant.

"Green goods" are plentiful but generally making good prices.

Christmas Prospects.

There is improved prospect for Christmas crops. Beauties, Liberties and red carnations are pretty sure to be short. Maids are likely to be fairly plentiful. Carnations give every indication of exceeding previous anticipations by a large degree and other items are likely to be equal to the very large demand which is already being felt in advance orders. There will be enough violets if the growers do not hold them back too long. The price lists, however, are all "subject to change without notice."

E. C. Amling calls attention to the fact that white carnations, and to a lesser extent Bride roses, are never wanted for Christmas and hang on until everything else is gone. He believes growers will get the most money out of this stock by sending it in right along, for there will be little stock in market for the next week.

Holiday Greens.

There is now a very active demand for both bouquet green and holly. There is enough lycopodium but good prices are being cheerfully paid, as it is all in competent hands. Holly averages no more than satisfactory quality although now and then a car of really high grade arrives. Prices are well maintained for up to this writing South Water street has not had its usual consignments, partly because neither railroads nor shippers made money on holly last year. Barnard & Co. have their usual big force at work winding green and making wreaths. A look at the stock passing in and out would indicate that trade requirements are large but can be fully met.

Various Notes.

J. A. Budlong looks for a big Christmas business, the Beauties and Maids being in good crop for the holiday. Their Enchantress carnations are also in exceptionally good shape. Mr. Shoup, who manages the selling end, reports a big shipping demand right along.

E. C. Amling is handling considerable quantities of bouvardia.

The Benthey-Coatsworth Co. reports the new aster going to the ends of the earth next month. They have received many orders from far distant points, to which the fame of the variety spread last summer. The crop of seed came up from New Castle last week and will soon be ready for distribution.

Kennicott Bros. Co. reports that mahonia leaves are going very well. They are very graceful, serviceable in a great many ways and keep indefinitely. They first introduced mahonia about five years ago but found only small sale for them; by now, however, the retailers have awakened to their usefulness.

Weiland & Risch are cutting Brides and Maids with stems like Beauties.

E. F. Winterson Co. has filled all the vacant space to be found in their place with girls making wreaths and wreathing, for which they report a big demand.

M. Winandy is reaping the reward of a season's work in a big cut of roses and carnations when they are most wanted.

Gus Alles, of Wietor Bros.' city salesroom, whom everybody likes, has the sympathy of all in the loss of his five-weeks old baby, who died on Sunday.

E. H. Hunt was first in the field with a calendar for 1905. It was mailed with the catalogue of Christmas goods; each was a very handsome piece of printing.

The Florists' Club met last Thursday night. Little was done beyond appointing committees to take charge of the club's activities this season.

Emil Buettner was down town on Monday for the first time since his operation for appendicitis.

George Reinberg's cut of Beauties is nearly all in the very first letters of the alphabet.

N. J. Wietor says he expects a good Christmas supply of roses.

Orchids are reported short crop for Christmas. McKellar says the demand is heavy.

Peter Reinberg, John Muno and Adam Zender have hung up their guns until after Christmas.

The Grand Rapids Florists' Association, represented at the Growers' Market, has organized by the election of the following officers: President, C. R. Hills; vice-president, G. F. Crabb; secretary, N. B. Stover; treasurer, Henry Smith; directors in addition to above, Eli Cross, Alfred Hanna and Chas. Chadwick. It is asserted that the association controls a million feet of glass.

In the advertisement of L. H. Foster, Dorchester, Mass., on page 236, the prices of Boston ferns should be "each" instead of "per 100."

Springfield, O.—C. L. Reese walked into his greenhouse on a recent Sunday evening and surprised a well-known young man with an armful of flowers.

WRITE TO

E. C. AMLING

ABOUT YOUR

Christmas Needs

CHRISTMAS PRICES

Subject to change without notice.

BEAUTIES.

Stems 36 inches		per doz.,	$12 00
" 30 "		"	10 00
" 24 "		"	9 00
" 20 "		"	8 00
" 15 "		"	6 00
" 12 "		"	4 00
" 8 "		per doz.,	$1 50 to 2 00

BRIDESMAIDS.

Select	per 100,	$12 00 to $15 00
Seconds	"	8 00

BRIDES.

Select	per 100,	$12 00 to $15 00
Seconds	"	8 00

CHATENAY.

Select	per 100,	$15 00 to $20 00
Seconds	"	8 00 12 00

GOLDEN GATES,

Select	per 100,	$12 00 to $15 00
Seconds	"	8 00

CARNATIONS.

Select	per 100,	$4 00 to $ 5 00
Large and Fancies	"	6 00 to 10 00

MISCELLANEOUS STOCK.

Poinsettias	per doz.,	$ 3 00 to $ 5 00
Violets	per 100,	2 00 to 3 00
Valley, select	"	4 00
Calias	per doz.,	2 00
Stevia	per 100,	2 00
Romans	"	3 00 to 4 00
Paper Whites	"	3 00 to 4 00
Bouvardia	"	2 00 to 6 00

DECORATIVE.

Asparagus Plumosus	per string	35c to 50c
" Sprengeri	per 100,	$3 00 to $6 00
Adiantum	"	1 00 to 1 50
Smilax	per doz.	1 50
Ferns	per 1000, $2 00;	per 100, 25c
Leucothoe Sprays	"	75c
Galax, green	per 1000,	$1 00
Galax, bronze	"	1 50
Wild Smilax	25 lb. cases,	3 00
" "	35 "	4 00
" "	50 "	5 00

NOTE:
"Special" Stock billed accordingly.

THERE NEVER WAS a time in recent years when there were too many good flowers for Christmas. Almost always there are too few. But **cut flower buyers** may rest **assured** that there is no other source of supply where one can be more certain of getting what he wants. If seasonable flowers are to be had in Chicago, they are to be had at Amling's.

We shall have large supplies for Christmas

No doubt of that, but just what we can do on late orders it is impossible to foretell. That's why **we urge early correspondence; give us an insight as to your needs.** It will be to mutual advantage.

But if you find yourself running short, don't hesitate; wire us and we will help you out if stock is to be had in Chicago.

We have the cuts of some of the largest growers

for this market and our force is ample to handle every order promptly.

E. C. AMLING

THE LARGEST, BEST EQUIPPED AND MOST CENTRALLY LOCATED WHOLESALE CUT FLOWER HOUSE IN CHICAGO.

32-36 Randolph St., CHICAGO, ILL.

LONG DISTANCE PHONES 1978 and 1977 CENTRAL.

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THAT was a grand hit, that adv. I had in the Special Number of the REVIEW; it was a drawing card, sure.—H. J. SMITH, Hinsdale, Mass.

WE ARE much pleased with the Florists' Manual, and could not get along without the FLORISTS' REVIEW. Enclosed find another dollar.—WM. RHODES & SON, Leechburg, Pa.

I WOULD not think of doing without the REVIEW. It is both practical and interesting and using its advertisements has been very satisfactory.—M. MAGRUDER.

PLEASE discontinue my smilax advertisement; plants all sold. Cost of advertising, 2 cents for each $1.50 of sales. Who said the classified advs. in the REVIEW don't pay? It could only be the one who never tried them.—HARVEY B. SNOW.

For Christmas The Review can supply all Horticultural Books at Publishers' Prices.

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Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 50c.

Cineraria. Finest large flowering dwarf, 1000 seeds, 50c.

Cyclamen Giganteum. The choicest giant-flowering varieties in best mixture, 200 seeds, $1.00; half pkt., 50c.

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Alyssum Compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots. Trade pkt. 25c.

Chinese Primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.

Pansy, Finest Giants. The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c.

Petunia. New star, from the finest marked flowers, extra choice. Trade pkt., 25c.

Cash. Liberal extra count of seeds in all packets.

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...IRISH...

Strong and fine plants. Better order early. $4.00 per 100; or 60c. per doz., by mail.

JOHN F. RUPP, Shiremanstown, Pa.

THE HOME OF PRIMROSES.

Mention The Review when you write.

The New Snow Flake Chiffons

LION & WERTHEIMER

463-467 Broadway, New York City.

Mention The Review when you write.

CRAWBUCK & WILES

370 Pearl Street, Brooklyn, N. Y.

Wholesale Dealers in FLORISTS' EVERGREENS,

Holly, Princess Pine, Galax,

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Headquarters in Brooklyn for Cut Flowers

HICKS & CRAWBUCK, 108 LIVINGSTON STREET,

Telephone, 3660-3661 Main

We also carry a full line of all **Florists' Supplies**—none better to be had. Our stock includes **Christmas Bells, Immortelles, Wheat, Cycas Leaves, Wire Designs, Tin Foil,** and every other requisite required by the retail florist. Let us know your wants. We can supply them at the lowest market prices.

Mention The Review when you write.

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Wholesale Commission Dealer in Cut Flowers.

I can use the out of one more good rose grower. Our Specialty, "Variety." We have something of everything. Telephone 4591 Main — 19 Boerum Place, Brooklyn, N. Y.

Mention The Review when you write.

The New Snow Flake Chiffons

LION & WERTHEIMER

463-467 Broadway, New York City.

Mention The Review when you write.

ED. A. HUMFELD, of Kansas City, writes that the statement in last week's REVIEW that Walter Troup was formerly his assistant decorator is not true. Mr. Troup was formerly in his employ but in another capacity.

GLASGOW, MO.—One greenhouse, packing shed and contents were completely destroyed and another house so badly damaged that the stock is a loss December 6 by fire at the establishment of Henry Schnell. The loss is $1,500, with no insurance.

CONNELLSVILLE, PA.—It is reported here that Peter Demas, proprietor of the Pittsburg Florists' Exchange, and local capitalists are organizing a company with a capital of $100,000 to build one of the largest greenhouse establishments in this part of the state.

ROCHESTER, N. Y.—Charles E. Krueger, a florist at 485 Monroe avenue, was arrested December 3 charged with signing other men's names to checks for small amounts. Krueger said he was not guilty, that he was intoxicated at the time, and the case was continued.

ENCLOSED is $2 for two REVIEWS for 1905. Thanks for your Pronouncing Dictionary; hope you will continue it until it will cover the whole field.—J. J. LONG, Turners Falls, Mass.

HARRISII IN UNDRAINED POTS.

Robert Sydenham, a seedsman of Birmingham, England, has been making successful experiments in growing Harrisii in various ornamental vases without drainage at the bottom or means of exit for water. Moss is used as the potting medium, some ground shell being added to the moss fibre when the operator is about to pot up the bulbs. The vessels employed may be of glass or stoneware of any ornamental design, the object being to grow bulbs in such a way that they may be introduced to dwelling rooms without having the danger of water running about the tables on which the plants are stood. The bulbs are potted in these vessels much in the usual way, making the moss firm about the bulbs. The jars or ornamental pots are then placed in an airy cellar or room, not necessarily light, but at the same time they must be airy if the health of the plants is studied.

After the plants show themselves well above the moss, the ornamental vessels that contain the bulbs must be brought into a well-lighted position with plenty of air to prevent the foliage and stems from getting drawn. The after treatment is the same as for bulbs grown in ordinary pots. Watering, however, is quite a different operation, and must be carefully handled to retain the growing plants in a healthy condition. It is best to be careful at the commencement, and the operator must rub the moss or squeeze it until it is all equally loose before commencing to pot. It must also be carefully mixed with the shell. The object of loosening it is to make it equal in density and composition, so that when water is applied all parts will be equally moistened. If this compost is just moistened before the potting operation, very little watering will be necessary for some time afterwards.

The best plan for beginners would be to examine the pots twice weekly to determine the conditions of the compost as to moisture. Water should never be given in such quantities as to render the compost soddened, but just sufficient to keep it moist. Beginners would also do well to frequently lift the vessels in order to ascertain their weight, because if too much moisture were present it would collect in the bottom of the vessel to the injury of the roots. The vessels might also in such cases be held upside down, so that all unnecessary moisture should escape.

The careful cultivator, however, will make certain not to apply water in such quantity as to keep it standing in the pots; only just sufficient should be given to keep the moss equally moist and all will be well. Besides lilies, daffodils, polyanthus narcissi, hyacinths, tulips and other spring flowering bulbs may also be successfully grown in this way. The merit of this method of culture is the ornamental effect obtained by the use of vessels of ornamental pattern, and the absence of risk in spoiling furniture with water draining from pots, but in these days of such tasteful pot coverings the process seems hardly worth while save for a few plants for novelty's sake.

WE would not do without the REVIEW at twice the present subscription price.—G. H. TAEPKE, Detroit.

WE are sending a dollar for the renewal of our subscription to the REVIEW, which has proven very satisfactory to us; we shall give you all the advertising we have to do in the future.—WEBER BROS. Ironton, O.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

VISITED CHICAGO.—W. H. Grennel, Cape Vincent, N. Y.

No one has said recently that there will be any shortage of cucumber seed.

FARQUHAR & Co., of Boston, will ask $1 per ounce for a strain of forcing cucumber seed.

THE Louisville onion-set dealers feel that it will be a Merry Christmas and a Happy New Year.

No information that a uniform scale of wholesale prices has been adopted has come to hand as yet.

THE Chicago seed houses which supply bouquet green and holly to the trade report a brisk business.

PETER HOLLENBACH, Chicago, returned this week from a trip to Philadelphia, Baltimore and Washington.

THE percentages of deliveries on beans are very disappointing to the contract buyer. Better things were hoped for.

IT is rumored that a California seed growing firm is canvassing for the market garden trade at some of the principal eastern cities.

ANYTHING may be fair in business that is open and above board, still the local dealers at certain points have cause for objection if the grower they buy from hustles out to sell his goods to their customers.

SWEET CORN FOR SEED.

The Maryland Agricultural Experiment Station has just issued, as Bulletin 96, a pamphlet entitled "Sweet Corn; Breeding, Growing and Curing for Seed."

In the preface the Director of the Station says:

It has been fully demonstrated that the character of seed used has much to do in determining the quality and quantity of the crop produced. Again, it has been shown that it is not only necessary to have seed from stock giving good crops, but for best results seed should also be from acclimated plants.

Maryland stands fourth in the production of canned corn, devoting annually about 17,000 acres to this crop for canning purposes, and packing about 1,000,000 cases. Besides the amount of corn grown for the canneries there are large areas grown for immediate consumption in the green state. Maryland growers purchase annually from 3,000 to 4,000 bushels of sweet corn seed. The bulk of this seed is grown in the New England states and northern Ohio.

The reason that our farmers purchase seed from the north is due to the prevailing opinion that northern-grown seed will give a sweeter corn than the home-grown seed. Then, again, many farmers say that sweet corn will soon run out and deteriorate in other ways, when grown in this climate. In view of our present knowledge of the corn plant these statements did not seem reasonable, and upon investigation they were not borne out by the practices of some of the most sucessful and advanced growers and packers of sweet corn in Maryland.

Before preparing this bulletin the author took a trip to Connecticut, and studied the methods of growing and curing as practiced there by the largest and most advanced seed growers, and the results of his observations are given herewith.

The facts, as set forth by Dr. Stabler, in the following pages, prove almost conclusively that Maryland farmers can not only grow their own sweet corn, but by doing so, can, with reasonable care improve the yield and quality of the corn, and get a more desirable crop in many other ways.

Seedsmen who may wish to study the Bulletin will be supplied with copies by addressing Agricultural Experiment Station, College Park, Md.

ALFALFA SEED.

The increasing acreage of alfalfa, not only in the western irrigation districts, where it first became popular, but east of the Missouri river, is making alfalfa seed more important to the seed dealer, who is finding it more necessary to determine the quality of alfalfa samples and their freedom from weed seeds. A valuable treatise on this subject has been published by the Department of Agriculture, as farmers' bulletin No. 194, from which the facts given herewith are taken.



Silverball Lettuce as Grown by Kimberlin & Co., Santa Clara, Cal.

D. Landreth Seed Company
BLOOMSDALE SEED FARM
BRISTOL, PA.
WHOLESALE ORDERS SOLICITED

LEONARD SEED CO.
WHOLESALE SEED GROWERS
ONION SETS
79 and 81 East Kinzie Street, CHICAGO
Mention The. Review when you write.

Burpee's Seeds Grow

LONG ISLAND CABBAGE SEED
AMERICAN CAULIFLOWER SEED
And other Special Seed Stocks.
Francis Brill - Grower,
Hempstead, L. I., New York.
Mention The Review when you write.

RALPH M. WARD & CO.
Exporters and Importers
17 Battery Place, NEW YORK
Horseshoe Brand.
Bulbs, Plants.
Valley our Specialty
Cold Storage Pips Always on Hand.
Mention The Review when you write.

Thorburn's Bulbs

ARECA LUTESCENS SEEDS
at $3.00 per 1000.

LILY OF THE VALLEY
PIPS AND CLUMPS.

Lilium Auratum and Speciosum All sorts
The great new Potato

Noroton Beauty

All who issue catalogues should not fail to include it. Descriptive circular on application.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

ARRIVED Consignment of extra Strong Bulbs of Our GOLD

Medal Strain Tuberous Begonias
Order now. See prices in classified dept.

HUBERT & CO., Ltd.
N. LEPAGE. MT. VERNON, N. Y.
Mention The Review when you write.

Lily of the Valley
FORCING PIPS. VERY FINE VARIETY. Apply to

JULIUS HANSEN,
PINNEBERG, (Germany).

RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST
Catalogues Mailed Free.
W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

The seed crops of 1902 and 1903 were short, resulting in scarcity and an advance in the price of good seed. The temptation to adulterate grew with the possible profit, resulting in a low average quality of commercial seed. Yellow trefoil, the seed mostly used in the United States as an adulterant of alfalfa seed, is darker green than alfalfa, so that a sample containing it looks brighter and better at first glance than slightly discolored alfalfa seed.

Although yellow trefoil is of no value as a grass, about 200,000 pounds is imported annually solely to adulterate alfalfa and red clover seed. Analyses of commercial samples of alfalfa seed by the seed laboratory of the Department of Agriculture showed adulteration with from thirteen to forty per cent of yellow trefoil. Bur clover is the common adulterant of alfalfa seed in Germany, and is found in seed imported into the United States. One consignment of imported alfalfa seed, amounting to 33,000 pounds, tested less than fifty per cent pure and contained 12,000 weed seeds to the pound. Three lots of seed, aggregating 67,000 pounds in weight, were more or less shriveled, and could not be sold on the retail market on account of the dark brown color. These worthless lots consist of dead seed and screenings and are imported for about 2 cents per pound, to be mixed with good seed costing 15 cents per pound.

A simple test for germination is to mix the seed thoroughly and count out 100 or 200 seeds, just as they come, making no selection. Put them between a fold of canton flannel or some similar cloth, taking care not to let the seeds touch one another. Lay the cloth on a plate, moisten it well, but do not saturate it, cover with another plate and keep at a temperature of about 70 degrees. Every day count and take out the sprouted seeds. In from four to six days all the good seeds will have sprouted, and the percentage of seed that will grow is known.

MICHELL'S OFFER We offer for immediate delivery, choice **BERLIN LILY OF THE VALLEY PIPS,** 3-year-old stock, $1.25 per 100; per 1000, $10.75; $25.00 per case of 2500 pips.

We also offer good clumps of **SPIRAEA** of all the best varieties for Easter forcing:

	Doz.	100	1000
Japonica	$.70	$3 75	$36.00
Compacta Multiflora	.80	4 50	42.00

	Doz.	100	1000
Astilboides Floribunda	$.80	$4 50	$42.00
Gladstone, mammoth size	1.75	10 50	95 00
Washington, " "	1.75	10.50	95 00

We are now receiving from all the best American and European growers, a full line of **NEW CROP FLOWER SEEDS.** Their excelence in the past have made us many friends all over the country. Our fresh seeds promise to be very fine. Catalogue ready.

HENRY F. MICHELL CO., 1018 Market St., PHILADELPHIA.

Mention The Review when you write.

Headquarters ... for ... Lily of the Valley Pips

Special quotations will be made on 50,000 and over.

From COLD STORAGE	Hamburg 3-Year-Old Pips (one year in cold storage)	$1.25 Per 100	$10.00 Per 1000	
For Immediate Forcing	High Grade 3-Year-Old Berlin Pips	$13.00 Per 1000	$31 00	Per Case (2500)
Large Importation Just Received	Highest Grade 3-Year-Old Berlin Pips	$12 00 Per 1000	$23.00	Per Case (2000)

Can arrange to keep in cold storage here if desired.
See our Bulb Offer in last week's Review.

JOHNSON & STOKES, 217 and 219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

		Per 100	Per 1000
Gladiolus	Colvillei, the Bride, white	$.75	$5.50
	Colvillei Rubra, pink	.60	4.75
Spiraea	Compacta and Astilboides, picked	5.00	45.00
	Japonica, clumps	4.50	40.00

ARTHUR T. BODDINGTON, SEEDS, BULBS and PLANTS 342 WEST 14TH STREET, **NEW YORK**

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RUSSIAN LILY OF THE VALLEY

Per 1000	$ 15 00
Per 2500	32 00
Per 10000	125 00

THE BEST FOR EARLY OR LATE FORCING.

STUMPP & WALTER CO.
Branch, 404 E. 34th St. 50 BARCLAY ST., NEW YORK.

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HAVING BEEN AWARDED THE GRAND PRIZE For My Exhibition of GLADIOLI At the World's Fair

It is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. **Groff's Hybrids and other sorts the best obtainable.**

Write for Catalogue. **ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.**

Mention The Review when you write.

New Crop Flower Seeds

Asparagus Pl. Nanus, 100 seeds, 60c; 1000, $5.00.
Begonia Vulcan and Bonfire, trade pkt., 25c.
Cyclamen Giganteum, 100 seeds 60c; 1000, $5.00.
Petunia Fimbriata Grandiflora, td. pkt., 50c.
" " " dbl., " $1.00
Salvia Bonfire, trade pkt., 25c; oz., $2.25.
Salvia Splendens, trade pkt., 20c; oz., 90c.
Stocks, Dwarf, 10 weeks, td. pkt., 25c; oz., $2.75.
Verbena Mammoth, td. pkt., 20c; oz., $1 00.
Fresh Tobacco Stems, bale of 300 lbs., $1.50.

W. C. Beckert, Allegheny, Pa.

Mention The Review when you write.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.
TRY THEM.

Cushman Gladiolus Co.
SYLVANIA, OHIO.

Mention The Review when you write.

1897

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IN AM



HELLO! CENTRAL, HELLO!

Connect me with all the buyers of Cut Orchids."

"Hello! Is this **you ?"**

"This is James McManus, of 50 W. 30th Street, New York, who handles the largest stock of Cut Orchids in the United States. You are missing some of the good things here, and I want to see your genial presence as well as hear your melodious voice in giving your Christmas orders, and to wish you a Happy and Prosperous New Year."



JAMES M

Telephone
759 Madison Square.

Wholesale Florist,

HRISTMAS 1904

OR CUT ORCHIDS

ERICA



THE BEST OF EVERY-THING GOOD CAN ALSO BE FOUND HERE IN

VALLEY DAISIES
CARNATIONS
SMILAX
and ASPARAGUS

CONSIGNMENTS SOLICITED.....

ICMANUS

50 W. 30th St., New York City.

Carnations, Roses, Beauties,
Mignonette, Stevia, Poinsettias,
Paper White Narcissus.

The choicest stock in all lines of Cut Flowers for Christmas delivery.

A few MERRY CHRISTMAS CHRYSANTHEMUMS now at $4.00 per dozen.

A. L. RANDALL CO.
WHOLESALE FLORISTS
21 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

GEE, WHIZ!

Since going to press with the outside form of this week's REVIEW, containing, on page 235, the advertisement of poinsettias of C. W. Reimers, Louisville, Ky., we are in receipt of the following letter from Mr. Reimers:

Gee, whiz! Take my adv. out of your paper. The florists took to it as the bankers did to Mrs. Chadwick.

The Louisville news letter this week says that Mr. Reimers has three whole houses of poinsettias for Christmas delivery.

WHO'S YOUR COAL MAN?

The REVIEW has felt that the wholesale dealers in coal were overlooking an opportunity to do business by not advertising in this paper. We are confident that it will pay them because we believe they can offer better prices, more uniform quality, etc., than can the local coal dealers.

W. S. Harman, 303 Dearborn street, Chicago, from whom the J. D. Thompson Carnation Co. and a number of other florists buy their coal, has given us an order for an advertisement to see if we are right that the REVIEW will prove his best salesman. The advertisement appears for the first time in this issue. Mr. Harman sells several grades of bituminous coal in car lots and up. To those who are in the market for coal it is suggested that they get his prices for comparison with those of their local dealers. Then it is up to Mr. Harman.

As a trade paper the REVIEW is second to none and I don't want to miss an issue of it.—FRANK MORRISON, St. Clairsville, O.

YOU may discontinue my advertisement of cyclamen; have sold out and could have sold as many more.—S. M. HARBISON, Danville, Ky.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

SITUATION WANTED—As first assistant in commercial or private place, by a young man, 30; best references; state wages. Address Box 491, Petoskey, Mich.

SITUATION WANTED—By good grower of roses, carnations, mums, lilies and general stock; up-to-date designer; capable of taking charge; prefer vicinity of Chicago or west; steady; commercial or private; state wages; Address No. 96, care Florists' Review, Chicago.

SITUATION WANTED—By a good all-around florist, single, 26 years old; 10 years' experience in palms, ferns bulbs, etc.; capable of taking care of small commercial place. Address No. 97, care Florists' Review, Chicago.

WANTED—To rent with intention to buy, a retail place with 5000 or more feet of glass, where I can sell the flowers which I grow in my present wholesale place; none but good retail business; southwest preferred. Address No. 95, care Florists' Review, Chicago.

THERE IS mail at this office for advertisers No. 53, 81 and 85. Kindly call or send address to this office and mail will be forwarded.

FOR SALE—One Morehead trap, in first-class condition, capable of carrying 4,000 feet 1¼-in. pipe; have changed syatem and have no further use for it; in use one season; cost $60.00, will sell for $30.00 cash, f. o. b. W. H. Drake, Kenosha, Wis.

WANTED—The big K.-B. nurseries, of Newark, N. Y., want more trustworthy salesmen at once to sell their high-grade nursery stock, seeds, sprayers and separators. We pay liberal commissions and furnish outfits free. Write or see me at once for particulars and choice territory. C. H. Fowler Sr., Manager of Branch Office L. Box 62, Fishkill, N. Y., Dep. A.

WANTED—Young man would like a position as rose grower; can give good reference. Address No. 94, care Florists' Review, Chicogo.

FOR SALE—An elegant greenhouse plant, up-to-date and modern in every way; 20 lots, 40 000 feet of glass; fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. 93, care Florists' Review, Chicago.

FOR SALE—A small floral business and comfortable home, with ¾-acre lot, well stocked with fruit and decorative plants; a rare chance for party needing our mild climate. Inquire P. O. Box "B," Rockledge, Fla.

FOR SALE—Or rent, a greenhouse plant, on easy terms to the right man, consisting of about 12000 feet of glass, with material on the ground for an addition of 4 000 feet; last years' business $1700; this years' business, about $2000. Address No. 92, care Florists' Review, Chicago.

WANTED—Help. $20.00 to $50 00 per week; whole or part of time as you prefer. We can utilize your services at your home or elsewhere. Extra pay to experienced florists. Address with references, I. Spaulding, President, Spaulding, Ill.

SITUATION WANTED—As working manager for store as well as for greenhouse, with an up-to-date firm, south preferred; can change January 1. Address No. 52, 2628 Halsted Street, Cincinnati, Ohio.

WANTED—Reliable party wishes to lease establishment of not less than 30,000 feet of glass; must be in first-class shape and within 50 miles of Chicago. Address No. 76, care Florists' Review, Chicago.

SITUATION WANTED—By a practical florist, strictly sober and industrious, with good references, to take charge of a large commercial or private place, cemetery or park; understands beautifying lawns, filling fine flower beds, raising grapes under glass; growing fine stove house plants and all kinds of pot plants for market; also understands the raising of a general collection of cut flowers, and am a successful propagator. I have conducted a florist's business of my own since 1880 in a city of 600,000 inhabitants. Address No. 90, care Florists' Review, Chicago.

FOR SALE—Ballard's greenhouse, $750, Perry, Iowa.

FOR SALE—Rare sacrifice, first-class store in bon ton part of city; established 15 years; catering to high-class trade; also six greenhouses at Evergreen; sell separately on easy terms; ill health cause. P. H. H., 926 Fulton St., Brooklyn, N. Y.

WANTED—First-class rose and carnation grower; permanent place; $60 per month to start; reference as to ability and character required. Address No. 87, care Florists' Review, Chicago.

WANTED—Young man for greenhouse work, one with experience preferred: steady work for the right party; send references and state salary expected. Address No. 91, care Florists' Review, Chicago.

FOR SALE—Florist shop, built 5 years in center of large city; fine opportunity for man of small capital. Address No. 74, care Florists' Review, Chicago.

FOR SALE—Seven acres of land at Park Ridge, Ill.; fine soil and well adapted for greenhouse purposes. Terms easy. Address A. L. Randall, 19 Randolph St., Chicago.

BUSINESS OPPORTUNITY!
WANTED—A practical florist with about $2 000 to buy interest of partner retiring into other business. Retail; city of 60 000, within 30 miles of Philadelphia. An excellent opportunity and a square deal. Address T. R. WILSON,
418 Arcade Bldg., Philadelphia, Pa.

Store Man Wanted

Have a first-class opening in Chicago for a capable store man. Moderate wages to start and advancement when ability is shown to handle first-class trade. Address with particulars as to experience and wages wanted—

No. 79, care Florists' Review, Chicago.

For Sale and Lease.

Owing to extensive other business, I will lease at a bargain my long established store and greenhouse plant at Tioga, Philadelphia; 3,000 feet of glass attached; almost no competition; only to responsible party.

Also for sale—the glass (12x14), bars, patent ventilators and 4-inch piping of 3 greenhouses (20x60 feet), or part of same, to be removed during winter; also one 25-horsepower return tubular boiler with one year old tubes. Bargain. Address Jno. G. Eisele, Florist, 3325 North 20th Street, Philadelphia, Pa.

WANTED

By a German firm, large manufacturers of artificial Decorative Plants, etc., A GOOD AGENT, one commanding large sales, well acquainted with this branch of the trade. Address, with references,

H. & Co., care Florists' Review, Chicago.

Automatic Self Tying
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LION & WERTHEIMER
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HOLLY, best in the market, $5 and $6 per case.
WILD SMILAX, $4 and $7 per case.
BOX GREEN, $18 per 100 lbs.
HARDY FERNS. Fancy, $1.50 per 1000. Dagger, $1.00 per 1000.
GALAX, New Crop, Green and Bronze, $1.00 per 1000.
LAUREL. Wreaths, $2.00 per doz. and upward. Festooning, 5c and 6c per yd.

HENRY M. ROBINSON & CO.

Long Distance Telephone MAIN 2618. **8 and 11 Province Street, Boston, Mass.**

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We are strictly specialists in Orchids, we collect, import, grow and sell them **exclusively.** We have them in all stages, freshly imported, semi-established and established, ready to put in your greenhouse. Send for catalogue of **Imported Orchids** just arrived in fine condition. We have **Cattleya Mendelli, Laelia Anceps, Oncidium Tigrinum and O. Papilio, etc.** Write for **Special list No. 14.**

LAGER & HURRELL, Orchid Growers and Importers, **Summit, N. J.**

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WHITE SATIN TIES
Embellished with Violets.
LION & WERTHEIMER
463-467 Broadway, New York City.

WELLSVILLE, O.—W. A. Herbert has built a new house 12x100.

RICHMOND, IND.—The E. G. Hill Co. is this week putting in 40,000 to 50,000 cuttings of their new rose, Richmond. Mr. Lemon says that the free flowering qualities of the variety are a surprise even to themselves. Richmond is the Mecca for many pilgrims this year. They expect a particularly large number of visitors just before and just after the Chicago carnation show.

GALVESTON, TEX.—Mrs. Charles Eickholt returned late in November from Dusseldorf, Germany, where she has been for nearly a year. She underwent a serious surgical operation while there and was months in the hospital. She has not fully recovered but is again able to give her personal attention to business, which is very good. She has had a large number of large decorations recently.

CINCINNATI.

The Market.

Business is light and it does not look very encouraging till the Christmas rush starts in. The retail as well as the wholesale trade in this city is very much off color. A very good shipping trade has been the salvation of the wholesale men and they have been able to take very good care of the out of town demand.

Flowers are not plentiful. There are more roses, perhaps, than anything else, but none too many of them. Carnations are scarce. Bulbous stock is plentiful and sells well. Callas and Harrisii are in very good demand and many more could be disposed of. The supply of all kinds of green goods is first-class. Violets are selling very well, especially those of best quality.

The Christmas outlook is none too bright so far as the supply of stock is concerned. Carnations will be especially short. All kinds of red roses will be far short of the demand. Bulbous and other stock will just about meet the demand. All things taken into consideration, we can scarcely expect this Christmas trade to be up to last year, but I do not think that we will have any cause to kick, at that.

Various Notes.

The regular meeting of the Florists' Society was held last Saturday. H. Weber & Sons, of Oakland, Md., sent a vase of their new white carnation, My Maryland. The blooms arrived in fine shape and made a very favorable impression. The committee gave it 86 points.

The market is now well supplied with holly and other holiday decorative stock and many of the retail men are busily engaged in decorating the down town stores. Most of the holly has not been up to standard. Many cases are almost worthless. There are any number of paper immortelle and sawdust Christmas bells, but the price has been cut on them so that there is very little money in them for the retailers.

Frank Huntsman has been quietly raising a few seedling carnations at his Kentucky plant. He has several that will bear watching, one especially, a very good pink.

Hardesty & Co. are making a great show of flowers in their Fourth street store. They handle some of the finest stock seen in this city and their show windows are always very attractive. This, by the way, is the very best advertising that a retail store can do.

Geo. S. Bartlett reports business very good in the fertilizer line. His bone meal is in steady demand.

H. Schlachter has been confined to bed for several weeks with a severe attack of rheumatism.

J. A. Peterson has returned from his Eastern trip and reports a very good trade.

E. T. Grave, of Richmond, was a visitor this week. C. J. OHMER.

WE highly value the REVIEW, indeed we cannot dispense with it.—F. H. DE WITT & CO., Wooster, O.

SAMUEL S. PENNOCK,

POINSETTIAS, 8000 choice flowers, from the Thornhedge Greenhouses, ready now. Prices: 12½c, 25c and 40c each.

Store open from 7:30 a. m. to 8 p. m.

The Wholesale Florist of PHILADELPHIA.

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The Cleveland Cut Flower Company,

WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.

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PITTSBURG'S LARGEST AND OLDEST WHOLESALERS.

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WANTED—CONSIGNMENTS OF HIGH GRADE CARNATIONS.

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Extra fine California Violets for Christmas.
Christmas Novelties and Supplies of all Kinds.

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St. Louis

Long Distance Telephone MAIN 2018-M.

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TORONTO.

The Market.

With the sudden turn to cold weather supply of stock has shortened considerably and the increase of prices has somewhat cut off the demand. But prospects for Christmas trade are bright and the demand for Christmas supplies of all kinds has been extremely good. Poinsettias are being shown by our retail men in large quantities and are very attractive. Whether the supply will last for Christmas may be a question. The demand for bulb stock, such as hyacinths and paper Whites, is very slow and many of the growers say they will grow but few next year.

Various Notes.

Among the recent events was the assignment of T. H. Milligan, who took over the greenhouses at Mimico asylum and also ran a store on Queen street West. The assignment was made to the Conger Coal Co. and we understand that they have sold the lease and stock of the Mimico houses to E. Graham, who has been for the last few years with W. J. Lawrence, of Eglinton. The place is now in a very much run-down condition, but as his expenses are low Mr. Graham is hopeful of pulling through the winter with a small balance on the right side. J. D.

A SCOTTISH EXHIBITION.

The Scottish Horticultural Association closed an exceptionally fine show November 19 at Edinburgh, one of the best both in quality and display that has been held for years. The cup went for the sixth time, though not in succession, to Thomas Lunt, gardener to Captain Sterling, of Keir. The exhibit was in fine shape and the blooms characterized by great depth and brilliancy of color. Among those shown were: Miss Stopford, pure white; George Penford, crimson and gold; F. W. Vallis, bronze, which got the silver medal for the best bloom in the show; Lady Conyers, pink and silver; Henry Stowe, pink; Calvat's 99, creamy white; Bessie Godfrey, yellow; W. R. Church, crimson and gold, and Miss O. Millar, pink. F. S. Vallis was in many prize collections. Mary Anderson still held the lead among singles and the pompons were above the average.

A trade floral exhibit was highly commended, one of the novelties being a lady's hat entirely composed of fresh flowers.

An interesting incident was reported in connection with the white variety shown last year under the name of Lady Cranston and which was then a prize winner. It was a sport from Mrs. Barkley, pink, but this year it reverted to its original color and has become lost.

"I could not possibly do without the Review; when I fail to get it of a week I am completely lost."—J. R. Farrant, Newport, Vt.

That little one-inch advertisement in your valuable paper did the work all right, as usual.—J. F. Ammann, Edwardsville, Ill.

Enclosed is a dollar to pay for another year of good reading and valuable information; we find it in the Review.—L. Thublin, Mobile, Ala.

EXQUISITE

Lace Edge Ribbons

LION & WERTHEIMER

463-467 Broadway, New York City.

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Wholesale Cut Flower Prices.

St. Louis, Dec. 14.

			Per doz.
Beauties,	Specials		$5.00 to $6.00
"	Extra		2.50 to 3.00
"	No. 1		1.00 to 1.50
"	Shorts		.60 to .75
			Per 100
Brides and Maids,	Specials		$8.00 to $10.00
"	"	Extra	5.00 to 6.00
"	"	No. 1	3.00 to 4.00
Carnot			5.00 to 8.00
Golden Gate			4.00 to 6.00
Kaiserin			6.00 to 8.00
Liberty			8.00 to 10.00
Meteor			5.00 to 10.00
Carnations,	Common		1.50 to 2.00
"	Select		3.00 to 4.00
"	Fancies		5.00 to 6.00
Adiantum			1.00 to 1.25
Asparagus Plumosus,	Strings		25.00 to 35.00
"	Sprays		1.00 to 1.50
"	Sprengeri	"	1.00 to 1.50
Chrysanthemums,	Select		20.00 to 25.00
"	Fair		3.00 to 15.00
Lily of the Valley			3.00 to 4 00
Smilax			12.50 to 15.00
Violets,	single		.60 to .75
"	double		1.00 to 1.50
Paper White			3.00 to 4.00
Romans			3.00 to 4.00

H.G.Berning

WHOLESALE FLORIST,

1402 Pine Street,

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C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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We offer, subject to being unsold on receipt of order, a very fine stock of fancy Carnations, Bride and Bridesmaid Roses, Single Violets, etc., etc., at reasonable prices. Careful packing and prompt delivery to Express Co. guaranteed.

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BERGER BROTHERS, Choice Valley, Roses, Carnations.

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Eugene Bernheimer Wild Smilax, Galax Leaves, Hardy Ferns.

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Florists' Supplies

C. C. Pollworth Co.

MILWAUKEE, WIS.

ROSES High Grade cut blooms at all times

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SOUTH PARK FLORAL CO.

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Write For Samples.

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"I have several times been consulted by those who would make a beginning in the Florists' business. In each case I have said that the first step is to subscribe for a Trade Paper, and the next to procure a copy of The Florists' Manual."

J. A. VALENTINE,
Pres. Park Floral Co., Denver, Colo.

THE FLORISTS' MANUAL

BY WILLIAM SCOTT.

A Practical Treatise on the every-day work of Greenhouse Management. Sent postpaid on receipt of $5.00.

FLORISTS' PUBLISHING CO.

334 Dearborn St., CHICAGO.

Wholesale Cut Flower Prices.

Philadelphia, Dec. 14.

	Per doz.
Beauties, Specials	$5.00 to $6.00
" Extra	4.00
" Medium	2.50 to 3.00
" Short	1.50 to 2.00
	Per 100
Bride and Bridesmaid, Fancy	10.00 to 12.00
" " Ordinary	4.00 to 8.00
Golden Gate, Select	8.00 to 10.00
" Ordinary	4.00 to 6.00
Liberty, Fancy	20.00 to 25.00
" Select	10.00 to 15.00
" Ordinary	4.00 to 6.00
Ideal	4.00 to 8.00
Perle	3.00 to 6.00
Sunrise	4.00 to 8.00
Queen of Edgely, Medium	2.50 to 3.00
" " Shorts	1.00 to 2.00
Carnations, Enchantress	5.00 to 6.00
" Lawson	3.00 to 5.00
" Prosperity	3.00 to 5.00
" Select	2.00 to 3.00
" Ordinary	1.50
Orchids, Cattleyas	60.00 to 75.00
" Dendrobium Formosum	40.00
" Oncidium	5.00
" Cypripedium	12.50 to 15.00
Adiantum Cuneatum	1.00
" Croweanum	1.50
" Farleyense	10.00
Asparagus Plumosus, Strings	50.00
" Sprays, per bunch	.50
" Sprengeri, per bunch	.50
Bouvardias	2.00 to 5.00
Callas, per doz.	1.50 to 2.00
Daisies, White or Yellow	1.00 to 2.00
Heliotrope, fancy, per doz.	1.50
Lilium Harrisii, per doz.	2.00
Mignonette, Fancy	3.00 to 4.00
" Ordinary	1.50 to 2.00
Pansies, per bunch	.05
Poinsettias	12.50 to 25.00
Paper Whites	2.00 to 3.00
Romans	1.00 to 4.00
Smilax	12.50 to 15.00
Sweet Peas	.50 to 1.00
Gardenias	.75
Valley, Fancy	4.00 to 5.00
" Ordinary	2.00 to 3.00
Violets, Double	1.00 to 1.50
" Single	.50 to 1.00
Chrysanthemums, Dorothy Faust, per doz.	2.00 to 2.50
Chrysanthemums, Yellow Eaton, per doz.	3.50
Stevia	1.00

JOSEPH HEACOCK

WYNCOTE, PA.

Grower of

Kentia Belmoreana and Kentia Forsteriana

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Everything Seasonable in **Cut Flowers**

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Choice Carnations In quantity

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Center for BRIDES, MAIDS, BEAUTIES, CARNATIONS, Etc.

CHRYSANTHEMUMS until Christmas, including Dorothy Faust, Fancy White.

1403-5 Fairmount Ave., PHILADELPHIA.

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Michigan Cut Flower Exchange.

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All Ferns, Fancy and Dagger

$1.50 Per 1000.

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GOOD GOODS. LOW PRICES.

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SHIPPING ON COMMISSION.
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Special arrangements this season for the extensive handling of American Beauties
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OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS
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New York, Dec. 14.

		Per 100
Beauties,	Specials	$30.00 to $50.00
"	Extra	15.00 to 25.00
"	No. 1	10.00 to 15.00
"	Shorts	2.00 to 4.00
Brides and Maids,	Specials	10.00 to 12.00
" "	Extra	6.00 to 8.00
" "	No. 1	3.00 to 5.00
" "	No. 2	2.00 to 3.00
Golden Gate		4.00 to 10.00
Liberty		2.00 to 25.00
Mme. Chatenay		2.00 to 15.00
Meteor		2.00 to 6.00
Orchids, Cattleyas		50.00 to 100.00
Cypripediums		10.00 to 12.00
Carnations, Common		1.50 to 2.00
" Selects		2.00 to 3.00
" Fancies		3.00 to 4.00
" Novelties		5.00 to 10.00
Adiantum Cuneatum		.50 to .75
" Croweanum		1.50
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri		10.00 to 15.00
Lilies		10.00 to 20.00
Lily of the Valley		2.00 to 4.00
Smilax		10.00 to 12.00
Violets		.50 to 1.00
" Specials		1.00 to 1.50
Narcissi, Romans		1.00 to 2.00
Callas		10.00 to 12.00
Daisies		.50 to 1.00
Pansies	doz. bunches	.25

A. L. YOUNG & CO.,
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American Beauties—Orchids—Roses—Carnations—Violets

AND EVERY VARIETY OF CUT FLOWERS

A GRAND STOCK OF EVERYTHING FOR THE HOLIDAYS AND A MERRY CHRISTMAS TO ALL MY FRIENDS.

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A MERRY CHRISTMAS TO OUR GROWERS AND CUSTOMERS.

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Care taken in filling, packing and forwarding orders. Consignments solicited. Prompt payments. Correspondence invited.

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Holly choice quality, clean green foliage, well berried, per case, 4x2x2, $4.50; 5 cases, $20.00.

Southern Smilax fresh stock, well packed, 50 lb. case, $6.00, cover about 600 square feet; 25 lb. case, $3 25, cover about 300 square feet.

Galax new crop, brilliant bronze or green, (full count), $1 per 1000, $3.75 per 5000.

Leucothoe Sprays green or bronze, 90c per 100; $7.50 per 1000.

Green Sheet Moss beautiful color, clean stock, $2.50 per bbl. sack.

Sphagnum Moss large bale, $1.75; (by freight, $2.00.)

All kinds of Florists' Supplies

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Galax, Brilliant, Bronze or Green...$1.00 per 1000
In lots of 5000 at 75c per 1000.
Leucothoe Sprays, Bronze or Green, $1.00 per 100
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Green Sheet Moss.....per bbl. sack, $2.50
Sphagnum Moss.....per sack, 60c and $1.25
Cut Flowers. Florists' Supplies.

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Wholesale Cut Flower Prices.

Boston, Dec. 14.

	Per 100
Beauties, Specials	$35.00 to $40 00
" Extra	15.00 to 25.00
" Short Stems	6.00 to 8.00
Brides, Specials	8.00 to 12.50
" Seconds	3.00 to 4.00
Bridesmaids, Specials	8.00 to 12.50
" Seconds	3.00 to 4.00
Liberty	5.00 to 25.00
Bon Silene	4.00
Safrano	4.00
Carnot	5.00 to 8 00
Chatenay	4.00 to 12 50
Cattleyas	40.00 to 50.00
Cypripediums	8 00 to 12.50
Carnations, Specials	3.50 to 4.00
" Select	2.50 to 3.00
" Ordinary	2.00
Chrysanthemums	5.00 to 10.00
Violets, single	1.00 to 1.25
" double	.75 to 1.00
Lily of the Valley	3.00 to 4 00
Narcissi	2.00 to 3.00
Mignonette	3.00 to 8.00
Bouvardia, bunch	.25
Stevia, bunch	.75 to 1.00
Asparagus Plumosus, Strings	40.00 to 50.00
" " Sprays, bunch	.50
" Sprengeri, bunch	.35 to .50
Smilax	8.00 to 10 00
Adiantum	.50 to 1.00
Poinsettias	.20 to .40
Roman Hyacinths	2.00 to 3.00
Callas	10 00
Lilium Harrisii	12.50

I WANT to renew my subscription for the best florists' paper published.—R. L. BURGOYNE, Danville, Ill.

AM very much pleased with the results of the advertisement; at present have no stock to offer.—WM. A. FINGER, Hicksville, L. I., N. Y.

"MUCH information is obtained by a perusal of your journal and I consider it a decided benefit to all to read it."—THOMAS CHAPMAN, Denver, Colo.

I DO not think anyone can carry on the florist business to the best success without the REVIEW.—MAX SCHREIBER, McDonald, Pa.

YOUNG & NUGENT

42 West 28th Street, NEW YORK.

Telephones, 2065-2066 Madison Sq.

ORCHIDS, GARDENIAS, VIOLETS ROSES, CARNATIONS

and a large assortment of other Flowers, according to season.

TO BUYERS—Send us your orders. We will ship you Flowers, none better. Not cheap ones, but best in New York. Give us a trial and you will not be disappointed.

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MILWAUKEE, -- WIS.

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76 Wabash Ave., CHICAGO, ILL.
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Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

VAUGHAN & SPERRY
Wholesale Florists,
58-60 Wabash Ave., **CHICAGO.**
Write for special prices.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Dec. 14.

	Per doz.
Beauties, Long stems	$6.00 to $7.00
" 30-inch "	5.00
" 24-inch "	4.00
" 20-inch "	3.00
" 15-inch "	2.00
" 12-inch "	1.50
Shorts	per 100, $6.00 to $8.00

	Per 100
Bridesmaids, Specials	$6.00 to $10.00
" Firsts	4.00 to 5.00
Brides, Specials	6.00 to 10.00
" Firsts	4.00 to 5.00
Liberty, Specials	6.00 to 15.00
" Firsts	4.00 to 5.00
Golden Gate, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Kaiserin, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Meteor, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Ivory, Firsts	6.00 to 10.00
" Seconds	4.00 to 5.00
Perles, Firsts	4.00 to 8.00
" Seconds	3.00
Chatenay	6.00 to 12.00
Carnations, Select	2.50 to 3.00
" Fancy	4.00 to 5.00
Violets	1.00 to 1.50
Callas	10.00 to 12.50
Paper Whites	3.00
Stevia, per bunch,	.25 to .50
Asparagus, Strings	35.00 to 50.00
" Sprays, per bunch,	.25 to .35
Sprengeri, "	.25 to .35
Ferns, per 1,000, $1.50	.15
Adiantum Cuneatum	.75 to 1.00
" Croweanum	1.50
Smilax, per doz.	1.50 to 2.00

Cleveland, Dec. 14.

	Per 100
Beauties, Specials	$50.00
" Extra	40.00
" No. 1	30.00
" Shorts	15.00
Bride and Bridesmaid.	$5.00 to 9.00
Kaiserin	5.00 to 9.00
Meteors	5.00 to 9.00
Carnations	3.00 to 4.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" Sprays	1.00 to 3.00
" Sprengeri "	2.00 to 4.00
Violets	.75 to 1.50
Smilax	12.50 to 15.00
Paper Whites	3.00 to 4.00

D. WOOD BRANT
SUCCESSOR TO
BRANT & NOE FLORAL COMPANY,
58-60 Wabash Ave., **CHICAGO.**
Very Choice American Beauties.
Wholesale Grower of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.
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THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
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Beauties, Roses, Carnations, Lilies and Cut Flowers Of All Kinds
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A SPECIALTY.
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60 WABASH AVE. CHICAGO.
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Out of-town orders by mail or wire given PROMPT ATTENTION.
51 Wabash Ave., Room 218, Chicago.
Wholesale Grower of Cut Flowers

PERCY JONES
Wholesale Cut Flowers
Flower Growers' Market,
60 Wabash Ave., **CHICAGO.**
STANDING ORDERS SOLICITED.

SINNER BROS.
Wholesale Growers and Shippers of **CUT FLOWERS**
58-60 WABASH AVE., CHICAGO, ILL.
With the Flower Growers', Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.

J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of **CUT FLOWERS**
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WIETOR BROS.
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All telegraph and telephone orders given prompt attention.
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GEORGE REINBERG,
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WHOLESALE DEALER IN AND .....GROWER OF **CUT FLOWERS**
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.
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59 WABASH AVE. **CUT FLOWERS** CHICAGO
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Flower Growers' Market, 58-60 Wabash Avenue, CHICAGO.
The place to sell your stock.
See PERCY JONES, Manager.
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A. L. RANDALL CO.
Wholesale Florist
19 and 21 RANDOLPH ST., **CHICAGO.**
Write for special quotations on large orders.
Mention The Review when you write.

THE BENTHEY-COATSWORTH CO.
35 RANDOLPH ST. **WHOLESALE FLORISTS** CHICAGO.

Holly is likely to be scarce this season. We advise you to order one or more of our selected cases; the price is $4.00 a case. We also advise you to order some of our cut Poinsettias, they are the best in the market and can be had either in large, medium or small sized flowers with stem to match.

It seems likely that American Beauty Roses will be in heavy demand at Christmas; better place your order early to insure getting a supply of this popular rose.

The Philadelphia Wholesale Flower Market, 1235-37 Filbert St., Philadelphia.

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GALAX GALAX GALAX GALAX GALAX GALAX GALAX GALAX GALAX

Headquarters for Christmas Greens

HOLLY, best in the market, $4.00 per case.
Wild Smilax 50 lb. case, $5; 25 lb. case, $3.25.
Laurel Festooning, 6c per yard.
Mistletoe, 20c per lb.; 25 lbs. and up, 15c per lb.
Hardy Cut Ferns, specially fine, $2 per 1000.
Leucothoe Sprays, 75c per 100; $6.50 per 1000.
Galax, New Crop, Green and Bronze, small, 75c per 1000; medium, 90c per 1000; extra large, $1.00 per 1000. Special price on large quantities.

CUT FLOWER CONSIGNMENTS SOLICITED.

C. E. CRITCHELL, Wholesale Commission Florist,
36 EAST 3RD STREET, CINCINNATI, O.

GALAX GALAX GALAX GALAX GALAX GALAX GALAX GALAX GALAX

Mention The Review when you write.

Wholesale Cut Flower Prices.

Pittsburg, Dec. 14.

	Per 100
Beauties, Specials	$40.00 to $50.00
" Extra	30.00 to 35.00
" No. 1	15.00 to 20.00
" Shorts	6.00 to 10.00
Brides and Maids	2.00 to 12.00
Cusin	2.00 to 6.00
Kaiserin	2.00 to 8.00
Liberty	4.00 to 15.00
Mme. Chatenay	3.00 to 8.00
Carnations	1.50 to 5.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Lily of the Valley	4.00 to 5.00
Violets	.50 to 2.00
Smilax	12.50 to 15.00
Lilies	15.00 to 25.00
Paper Whites, Romans	2.50 to 3.00
Stevia	1.00 to 2.00
Tulips	4.00
Mignonette	3.00 to 4.00
Daisies	1.50 to 2.00

Buffalo, Dec. 14.

	Per 100
Beauties, Specials	$40.00 to $50.00
" Extra	20.00 to 30.00
" Shorts	6.00 to 10.00
Brides and Maids, Extra	8.00 to 10.00
" " No. 1	6.00 to 8.00
" " No. 2	2.00 to 5.00
Carnot	2.00 to 8.00
Golden Gate	2.00 to 5.00
Kaiserin	2.00 to 8.00
Liberty	4.00 to 12.00
Meteor	2.00 to 6.00
Mrs. Morgan	2.00 to 4.00
Perle	2.00 to 4.00
Sunrise	3.00 to 6.00
Carnations	2.00 to 4.00
Chrysanthemums	4.00 to 25.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	10 00 to 12.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Lilium Harrisii	15.00
Lily of the Valley	3.00 to 5.00
Smilax	12.50 to 15.00
Galax	.10 to .15
Common Ferns	.15 to .20
Violets	.75 to 1.50

PETER WEILAND,
Wholesale Grower of
Cut Flowers
Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.
128 East 3rd St., CINCINNATI, OHIO.
All stock sold at the PREVAILING MARKET PRICE.
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Wholesale Commission Florist,
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110 E. 3rd St., CINCINNATI, O.
Receiver and Shipper of Cut Flowers.
CONSIGNMENTS SOLICITED.
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The J. M. McCullough's Sons Co.
Seedsmen and Wholesale Florists.
Consignments solicited. Special attention given to shipping orders.
316 Walnut Street, CINCINNATI, OHIO.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Cincinnati, Dec. 14.

	Per 100
Beauties, Extra	$35.00 to $50.00
" No. 1	15.00 to 25.00
" Shorts	8.00 to 12.50
Brides and Maids, Extra	8.00
" " No. 1	6.00
" " No. 2	3.00
Golden Gate	3.00 to 8.00
Kaiserin	3.00 to 8.00
Liberty	3.00 to 10.00
Meteor	3.00 to 8.00
Perle and Sunrise	3.00 to 6.00
Carnations, Common	1.50
" Selects	2.00 to 3.00
" Fancies	4.00 to 6.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Lilium Longiflorum	12.50 to 15.00
Smilax	10.00 to 15.00
Lily of the Valley	3.00 to 4.00
Chrysanthemums	4.00 to 25.00
Violets	.50 to 1.50
Narcissi, Romans	3.00 to 4.00
Callas	3.00 to 12.50

PITTSBURG FLORISTS' EXCHANGE
Wholesale Florists and Florists' Supplies.
228 Diamond St., PITTSBURG, PA.
Shipping Given Special Attention.
Send for weekly price list free.

Gauze Ribbons
IN GREAT VARIETY.
All weaves and shades.
LION & WERTHEIMER
463-467 Broadway, New York City.
Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

PITTSBURG.

The Market.

Although we are in the midst of the season there is nothing outside the ordinary run of business. Most of the stores are kept quite busy with the regular trade and getting ready for the expected Christmas trade. Stock of all kinds has shortened up the past week, especially the better grades of carnations, and they took quite a jump in price, but there was enough to go around at the price.

Various Notes.

John H. Orth will open a branch store at Monessen and if his business keeps pace with the growth of the town, John will do well.

The unsatisfactory way in which the shippers of holly have treated their customers in this section in times past has brought them their reward. Most of the holly coming here now is handled by the commission men and is sold from cars, the good holly only bringing a price, the poor stock being left on their hands. When we placed orders we usually got it in the proportion of one good and two bad cases.

Large handsome wreaths of box-wood, which sell for from $5 upward are among the Christmas novelties, used for cemetery decorations. One florist says he has orders for a number already.

The Florists' Club smoker happened as scheduled. It was well attended and all report having had a royal good time. Music, songs, speeches, cards, lunch, pipes and cigars filled in the evening and the affair reflected credit on the committee, E. C. Reineman and Gustav Ludwig.

The Pittsburg Cut Flower Co. showed some very fine Beauties and violets the past week.

Wm. Cromack, of Irwin, is arranging for the erection of several new greenhouses.

The next meeting of the Florists' Club, Tuesday, January 3, will see the nomination of officers. Hoo-Hoo.

MONTREAL.

The Montreal Gardeners' and Florists' Club held its seventeenth annual meeting at its hall on St. Catherine street Monday evening, December 5. There were thirty-nine members present. The report of the secretary and treasurer showed the club to be in a very flourishing condition, with a good balance on the right side of the ledger. The report of our last chrysanthemum show was very satisfactory. The exhibits on the whole were better than in previous years but the attendance was far short of what so good an exhibition merited and the financial result was not what it should have been, although everything worked out satisfactorily. The reports of all standing and other committees were read and adopted. After the close of regular business, officers were elected as follows: President, Jos. Bennett; vice-president, A. Gibb; second vice-president, A. Walker; secretary and treasurer, W. H. Horobin; assistant secretary and treasurer, H. J. Eddy; executive committee, E. Hayward, J. Walsh, Wm. Alcock, J. C. Eddy, J. Kirkwood, J. Pidduck; social committee, H. J. Eddy, G. Robinson, J. Pidduck. It was decided to hold the annual dinner early in January and a special committee was appointed to make all arrangements.

MINNEAPOLIS, MINN.—The Powers Mercantile Co., which had a large cut flower department, was burned out on the night of December 13.

MINNEAPOLIS, MINN.—At a meeting of the Minnesota State Horticultural Society, December 6, a paper was read by C. S. Harrison, of York, Neb., on the "Possibilities in Floriculture." He said that more effort should be made in developing flower growing and declared that there was a gold mine of pleasure in every front yard if proper attention was devoted to their cultivation.

HOLLY RIBBONS

FOR THE CHRISTMAS HOLIDAYS.

STILL TIME TO GET YOUR ORDER IN.

We make a beautiful white Satin Ribbon, printed with holly leaves and berries and also have ribbons in solid colors of

Holly Red and Christmas Green

We make all these ribbons in narrow and wide widths: Nos. 2, 5, 7, 9, 12, 16 and 40.

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Philadelphia

OFFICE AND SALESROOMS:

806-808-810 ARCH ST. 52 and 54 N. 8th ST.

Mention The Review when you write.

Fancy or Dagger Ferns



$1.00 per 1000. Galax, brilliant bronze or green, 75c per 1000; $6.50 per case 10,000. Laurel festooning, hand made, full sizes, 4c, 5c and 6c per yard, made fresh daily from the woods. Send us your Christmas orders now and we will please you. Branch Laurel, 35c per large bundle. Southern Wild Smilax, 50 lb. cases, $5.50 per case. Laurel wreaths and Princess pine wreaths made all sizes and prices. Princess pine by the pound and made into roping.

Tell us your wants and we will name you prices.

CROWL FERN CO., - - - MILLINGTON, MASS.

Mention The Review when you write.

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For WAX FLOWERS, BASKETS, WAX FLORAL DESIGNS, WHEAT SHEAVES, etc., send to

J. STERN & CO. 1928 Germantown Avenue, (Ask for our beautiful Catalogue.) **Philadelphia.**

Mention The Review when you write.

J. L. DILLON

Wholesale Florist

Bloomsburg, Pa.

Mention The Review when you write.

500 Strings Asparagus Plumosus Nanus.

2000 Strings Smilax. Send 50c for samples and MAKE ME AN OFFER

Aspidistra lurida, 6 to 10-inch plants, 4c per leaf.

WILLIAM CLARK,

COLORADO SPRINGS, COLO.

Violets.

We make a specialty of

VIOLETS...

ELI CROSS, Grand Rapids, Mich.

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LION & WERTHEIMER

463-467 Broadway. New York City.

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The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

LEIKENS

7 E. 33d St. Near Waldorf-Astoria New York City

Telephone No. 1417 Madison

NURSERIES, RUTHERFORD, N.J.

☞ Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

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WILL BE FILLED BY

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227 Michigan Ave.

Auditorium Annex. Telephone Harrison 585.

A. GUDE & BRO.

1224 F Street, Northwest,

Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE. CLEVELAND, OHIO.

HAVE YOUR

RETAIL ORDERS

FILLED BY THE

GEO. WITTBOLD CO.

1657-59 Buckingham Place, CHICAGO.

Julius Baer,

116 E. Fourth Street.
Long Distance Phone 2478.

Cincinnati, Ohio

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON

ST. PAUL, MINN.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,

2319 AVENUE M. Galveston, Tex.

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Florists' Review

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New York City

TEL. 2270 38TH ST.

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FRED C. WEBER, FLORIST,

4326-28 Olive Street, St. Louis, Mo.

ESTABLISHED 1873.

Long Distance Phone Lindell 196 M.

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Telephone Central 2522. 51 Monroe St., CHICAGO.

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PHILADELPHIA,

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All Orders Given Prompt and Careful Attention.

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Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

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BUFFALO, New York.

PRATT & GIGER,

FLORISTS AND DECORATORS

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EXQUISITE Lace Edge Ribbons

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463-467 Broadway, New York City.

Alexander McConnell

546 Fifth Avenue
Cor. 45th St., N. W.

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Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention . . . . . .

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WILLIAM L. ROCK FLOWER CO.

KANSAS CITY, MO.

C. C. Pollworth Co.

WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in

WISCONSIN

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,

New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

Houghton & Clark

434 Boylston Street,

Boston, Mass.

WASHINGTON, D. C.

Orders Executed Artistically.

Blackistone,

Long Distance Phone 2180. COR. 14th and H STS.

S. B. Stewart,

119 No. 16th Street. OMAHA, NEB.

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Florists' Review

When Writing Advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

AGERATUMS.

Ageratums, Stella Gurney and dwarf white, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

Ageratum rooted cuttings, 4 var., 60c 100; $5.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

ALTERNANTHERAS.

Alternantheras, red and yellow, in variety, 2¼-in., $2.00 100, $15.00 1000; rooted cuttings, 60c 100, $5.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternanthera brilliantissima, the finest red out, 75c doz.; by mail, $1.00. Cash, please.
A. J. Baldwin, Newark, O.

ALYSSUM.

Giant alyssum rooted cuttings, $1.00 100; $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Alysaum, dwarf and giant double, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

Alyssum, double giant, fine 2-in., 2c, cash. See pansies. Byer Floral Co., Shippensburg, Pa.

ANTIRRHINUM.

Snapdragon, our giant pink, 2-in. pots, $6.00 100; $50.00 1000.
J. Breitmeyer's Sons, Detroit, Mich.

ARAUCARIAS.

Araucaria excelsa. Largest stock in Phila. No seedlings, all were grown in Belgium from top cuttings. 5½-in. pots, 12 to 15 inches high, 3 to 4 tiers, 60c; 5½ to 6-in. pots, bushy plants, 4 to 5 tiers, 15 to 20 inches high, 75c; 6-in. pots, 20 to 25 inches high, 5 tiers, $1.00 each; 6-in. pots, specimen plants, as broad as long, $1.25 to $1.50 each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

ASPARAGUS.

50,000 Asparagus plumosus nanus, strong plants from bench, $8.00 per 1000; from 2½-in. pots, $16.00 per 1000, cash. Prepaid.
S. B. Ritter, Port Royal, S. C.

Asparagus plumosus, 2¼-in., $2.50; 3-in., $4.00. Sprengeri, 2¼-in., $2.00; 3-in., $3.00. Fine and pot-bound ready to shift.
S. M. Harbison, Danville, Ky.

Asparagus plumosus nanus, fine bushy stock from 2½-in. pots, $3.00; from 3-in. pots, $5.00; from 3½-in. pots, $8.00 per 100.
Paul Mader, East Stroudsburg, Pa.

Asparagus plumosus nanus, strong 2¼-in., $2.00 100; $15.00 1000; 3-in., $3.00 100; $22.00 1000. Express prepaid. Cash.
Mitting & Linfoot, Danville, Ill.

Asparagus Sprengeri, extra quality, 2½-in., $2.00 100. A. plumosus, extra quality, 2¼-in., $2.50 100; 3-in., $4.00.
John Brod, Niles Center, Ill.

Asparagus plumosus nanus, true, extra value, 2½-inch, $3.00 100; $25.00 per 1000; 3-inch, $5.00 100. Cash.
W. A. Wettlin, Hornellsville, N. Y.

Asparagus plumosus nanus, 3-in., strong, $6.00 100; 4-in. pots, bushy, at the rate of $10.00 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

Asparagus plumosus, 3-in., $6.00 per 100; Sprengeri, 3-in., $4.00 per 100.
Henry Fischer, 1st Toll Gate, Belair Ave., Baltimore, Md.

Asparagus Sprengeri, strong 2-in., $1.50 per 100; $12.00 per 1000.
Golden State Plant and Floral Co., Santa Monica, Cal.

A. plumosus nanus, strong, 2-in., 2½c; $22.50 per 1000; 3-in., 5c. Sprengeri, 2-in., 2c. Cash.
Byer Bros., Chambersburg, Pa.

Asparagus Sprengeri, strong 2¼x3¼, $2.00 100. No order for less than $2.00.
W. A. Chalfant, Springfield, Mo.

Asparagus plumosus nanus, some A 1 stock, 2-in., $2.50. 3-in., $5.00 per 100.
Werick Bros. Co., Pine Ridge, Buffalo, N. Y.

Asparagus plumosus nanus, fine plants, 3-in., $3.00 100; 4-in., $7.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus nanus, strong, 2-in., $2.00 per 100; $15.00 per 1000.
White's Conservatory, Sandusky, Ohio.

Asparagus plumosus nanus, 2¼-in. pots, $2.00 100, $15.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri and plumosus, strong 2-in., $2.50 per 100.
Iowa Seed Co., Des Moines, Iowa.

Asparagus plumosus nanus, 2½-in. pots, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Asparagus Sprengeri 2½, 3 and 4-in; plumosus, 2½, 3, 4 and 5-in. Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, ready for 4-in., $15.00 1000. J. F. Allen, Orlando, Fla.

10,000 Asparagus plumosus, 3-in., $3.00 100. Cash. Lewis Ullrich, Tiffin, Ohio.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus nanus, 3-in., $3.00 100.
W. T. Buckley Co., Springfield, Ill.

Plumosus, fine, strong 3-in., $5.00 100.
C. Winterich, Defiance, Ohio.

Asparagus Sprengeri, 3-in. pots, $4.00 100.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Asparagus plumosus, 2½-in., $3.00 100.
Davis Bros., Geneva, Ill.

Asparagus plumosus, 3-in. pots, 8c.
H. W. Field, Northampton, Mass.

ASPIDISTRAS.

Aspidistras, fine healthy plants, 220 leaves, $4.00 for the lot, or 2c per leaf. Some of the leaves are large, others small.
H. S. Baker, Warsaw, N. Y.

Aspidistra lurida, 6 to 10-in. plants, 4c per leaf. Wm. Clark, Colorado Springs, Colo.

AZALEAS.

Azalea indica, in full bloom, or bud. Deutsche Perle, pure double white; Simon Mardner, double deep pink; Vervaeneana, large double rose pink. Selected plants full of buds, 75c, $1.00, $1.25 to $1.50 ea.
Godfrey Aschmann, 1012 Ontario St., Phila.

BANANAS.

Bananas, dormant plants, well cured, 3 ft., $1.50 doz.; 4 ft., $2.50 doz.; 5 ft., $4.00 doz.; 6 ft., $7.00 doz.; 7 ft., $10.00 doz. What have you to exchange?
W. L. McCart, Fort Worth, Texas.

BEDDING PLANTS.

Ludwig Mosbaek, Onarga, Ill. Alternantheras, red and yellow, August R. C., strong, $5.00 per 1000; by mail, 60 cents per 100. Alyssum, double, sweet, 2-inch, $2.00; R. C., $1.00 per 100. Asparagus plumosus nanus, strong, 4-inch, $8.00 per 100. 10,000 geraniums, Nutt and 20 other varieties, 2½-inch, $20.00 per 1000. Petunia, double fringed, pure white, 2½-inch, $2.50; R. C. mailed, $1.25 per 100. 500,000 Pansy plants, Florists' International, strong transplanted, $5.00 per 1000; extra strong, bushy, $10.00 per 1000; Giant flowering variety, mixed and separate colors, strong, transplanted, $3.00 per 1000. Vinca variegata, from 3-inch pots, $4.00; R. C. mailed, $1.00 per 100. Salvia in four named varieties, 2-inch, $2.00 per 100. Daisies, forget-me-nots, sweet williams, $3.00 per 1000.

Geraniums, ivy geraniums, fuchsias, dbl. petunias, heliotropes, etc., $6.00 1000. Express prepaid on all orders received on or before December 15, 1904.
California Product Co., 8 Taylor St., San Francisco, Cal.

BEGONIAS.

Tuberous rooted begonias, single, sep. colors, $3.00 100, $27.50 1000; finest mixed, $2.75 100, $25.00 1000. Double, in 5 separate colors, $4.00 100; $37.50 1000; finest mixed, $3.75 100; $35.00 1000. N. Le Page, Mt. Vernon, N. Y.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, 2½-in., $1.00 doz.; 3-in., $1.50 doz.; 5-in., $6.00 doz.; 6-in., $9.00 doz. All in bloom.
A. Jablonsky, Wellston, St. Louis, Mo.

Begonias Argenteo-guttata, speculata, rubra and several other good varieties, 40c per doz., $2.50 per 100. Harmon & Henderson, Iola, Kan.

Begonias. Pres. Carnot, metalica, and others, 5½-in., $2.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

A few nice Rex and blooming begonias. Write.
Geo. A. Kuhl, Pekin, Ill.

Begonia Louise Erdody, 3-in., $7.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

BERRIED PLANTS.

Christmas peppers, full of fruit, 4 and 5-in., $5.00 and $7.00 per 100. Jerusalem cherries, 5-in., 6-in., and 7-in., very fine, $1.00 to $2.50 per doz. J. C. Schmidt Co., Bristol, Pa.

Christmas peppers from 4-in. pots, full of berries; special price to close out, 60c per doz.
W. P. Ranson, Junction City, Kans.

BULBS.

CLEARANCE SALE OF BULBS.
HIGHEST QUALITY.
UNUSUAL VALUES.
See our display adv. in Dec. 8 issue for varieties and prices.
JOHNSON & STOKES, 217-219 Market St., Philadelphia, Pa.

Last call for extra fine, late dug L. longiflorum, fine for Easter; 6 to 8, $3.00 100; $28.00 1000; 7 to 9, $4.50 100; $42.00 1000.
Amaryllis Belladonna, very large bulbs, forces fine, color beautiful rose, 75c 12; $5.00 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

Bulbs.	Per 100.		Per 100
Lilium Canadense	$4	Lilium Rubrum	$6
Lilium Superbum	4	Ismene Grandl	6
Lilium Umbellatum	5	Trade list free.	

John Lewis Childs, Floral Park, N. Y.

If you want fine Mexican bulbs, see adv. under the heading of Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

We are the largest growers of FREESIA bulbs in the United States. Write us.
Rees & Compere, Long Beach, Cal.

Chinese Sacred lilies, Japan-grown callas on hand now. Prices on application.
Suzuki & Iida, 31 Barclay St., N. Y.

Lilium auratum and speciosum, all sorts. Write
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Calla bulbs, dahlias and cannas. Write us.
California Product Co., 8 Taylor St., San Francisco, Cal.

Narcissus Emperor and Empress, $2.25 100.
The B. L. Bragg Co., Springfield, Mass.

Japan lilies now ready.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

CACTI.

If you want fine CACTI see adv. under heading Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

BUSINESS BRINGERS—
REVIEW Classified Advs.

CALLAS.

Calla bulblets, or offsetts, 40c per 100, or 300 for $1.00 cash. Should be set in the bench soon. Mrs. M. E. Patterson, Glendale, Cal.

CAMELLIAS.

Camellia plants in sorts; best German grower; spring delivery. Address A. Rolker & Sons, New York, 31 Barclay St., or P. O. Box 752.

CANNAS.

We have a large stock of what we believe to be the best varieties in the market, and are prepared to delivery dry roots or to grow on to young plants. Let us know your needs and we will quote you prices.

Alsace.	Chas. Henderson.
Beaute Poitevine.	Chatauqua.
Black Beauty.	David Harum.
Brandywine.	Duke of York.
Burbank.	Eastern Beauty.
Buttercup.	Evolution.
Explorateur Crampbel.	Jean Tissot.
Florence Vaughan.	Kate Gray.
George Washington.	Louise.
Gladiator.	Madam Crozy.
H. Wendlandt.	Metalica.
J. D. Cabos.	Niagara.
Partenope.	Queen Charlotte.
Paul Marquant.	Queen of Holland.
Pennsylvania.	Souv. d'Antoine Crozy.
Philadelphia.	Triumph.
Pillar of Fire.	West Grove.

Michel Plant and Bulb Co., St. Louis, Mo.

Cannas, 40 leading varieties, $10.00 1000 and upwards. Write for list and prices.
Dingee & Conard Co., West Grove, Pa.

CARNATIONS.

Rooted carnation cuttings. Now ready.

	100	1000	5000
White			
Queen Louise	$1.00	$10.00	$45.00
Flora Hill	1.00	10.00	45.00
Alba	1.40	12.50	60.00
Wolcott	1.00	10.00	45.00
Norway	1.00	10.00	45.00
White Cloud	1.00	10.00	45.00
Pink			
Lawson	1.20	12.50	60.00
Marquis	1.00	10.00	45.00
Enchantress	3.50	30.00	
Genevieve Lord	1.00	10.00	45.00
Mrs. Joost	1.00	10.00	45.00
Success	1.00	10.00	45.00
Mermaid	1.00	10.00	45.00
Cressbrook	1.00	10.00	45.00
McKinley	1.40	12.50	60.00
Scarlet			
Crane	1.00	10.00	45.00
America	1.00	10.00	45.00
P. Palmer	1.00	10.00	45.00
Estelle	1.40	12.50	60.00
Crimson			
Harlowarden	1.40	12.50	60.00
Gen. Gomez	1.00	10.00	45.00
Yellow			
Golden Beauty	1.40	12.50	60.00
Eldorado	1.00	10.00	45.00
Variegated			
Prosperity, fancy	1.40	12.50	60.00
Violania	5.50	50.00	
Marshall Field	1.40	12.50	60.00
Stella	1.40	12.50	60.00
Armazindy	1.00	10.00	45.00
Viola Allen	1.20	11.00	50.00

25 at 100 or 1000 rate. 2500 at 5000 rate. Express prepaid. Cash or C. O. D. with privilege of examining at express office.
California Carnation Co., Loomis, Cal.

Carnation rooted cuttings.

White	100	1000	Scarlet	100	1000
Q. Louise	$1.00	$10.00	Crane	$1.00	$10.00
F. Hill	1.00	10.00	America	1.00	10.00
Alba	1.40	12.50	P. Palmer	1.00	10.00
Wolcott	1.00	10.00	Estelle	1.40	12.50
Norway	1.00	10.00	Manley	1.50	15.00
L. Pond	1.40	12.50	Apollo	1.50	15.00
Chicot	1.20	10.00	Yellow		
Pink			G. Beauty	1.40	12.50
Lawson	1.40	12.50	Eldorado	1.00	10.00
Enchantress	3.50	30.00	Variegated		
Joost	1.00	10.00	Prosperity	1.40	12.50
Success	1.00	10.00	M. Field	1.40	12.50
Mermaid	1.00	10.00	Stella	1.40	12.50
Cressbrook	1.00	10.00	Armazindy	1.00	10.00
McKinley	1.40	12.50	V. Allen	1.20	11.00
Mrs. R'sev't	1.40	12.50	Galety	1.20	11.00

Crimson—Harlowarden, $1.40 100; $12.50 1000. G. Roosevelt, $1.20 100; $10.00 1000. Special prices on large lots. Unrooted pips at half price. 25 at 100 rate; 250 at 1000 rate. Express prepaid. Cash or C. O. D. with privilege of examining.
Loomis Floral Co., Loomis, Cal.

200,000 rooted carnation cuttings now ready.

White	100	1000	Scarlet	100	1000
Q. Louise	$1.00	$10.00	Crane	$1.00	$10.00
F. Hill	1.00	10.00	America	1.00	10.00
Gov. Wolc't	1.00	10.00	Estelle	1.40	12.50
Alba	2.00	15.00	Crimson		
W. Cloud	1.00	10.00	Harlow'den	1.40	12.50
Pink			Yellow		
Lawson	1.20	12.50	Eldorado	1.10	12.50
Marquis	1.00	10.00	G. Beauty	1.40	12.50
Enchantress	3.50	30.00	Variegated		
Joost	1.00	10.00	Prosperity	1.40	12.50
McKinley	1.40	12.50	M. Field	1.40	12.50
Mermaid	1.00	10.00	Armazindy	1.00	10.00
Cressbrook	1.00	10.00	V. Allen	1.20	11.00

Unrooted cuttings at one-half price of rooted cuttings. Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.
Loomis Carnation Co., L. B. 115, Loomis, Cal.

ROOTED CARNATION CUTTINGS.
JANUARY DELIVERY.
All orders filled in rotation.

	100		100
Mrs. Patten, var.	$6.00	Queen, white	$3.00
White Lawson	6.00	B. Market, white	3.00
Albatross, white	6.00	Queen Louise	2.00
Flamingo, scarlet	6.00	Lawson	2.00
Enchantress	3.50	Manley, scarlet	2.00
Challenger	2.00		

Write for prices on large lots; 5 per cent discount for cash with order.
James D. Cockcroft, Northport, L. I., N. Y.

RED SPORT, the new bread and butter, commercial red carnation, now in its fourth year, has the hardy constitution of Gen. Maceo, with a stronger, heavier growth, longer and stiffer stem and a larger flower. It will keep longer and travel farther than any other red carnation. All our stock is sold up to Jan. 25. Orders filled in strict rotation from that date on. 12 for $1.50, 25 for $2.50, 50 for $4.00, all postpaid; $6.00 per 100, $50.00 per 1000, by express. We guarantee all cuttings to be well rooted and to arrive in good condition.
A. B. DAVIS & SON, Purcellville, Va.

Field-grown carnation plants, strong and bushy, 1500 Lillian Pond, 300 Flora Hill, 75 Morning Glory, 150 Glacier.
Evenden Bros., Williamsport, Pa.

VICTORY, to be disseminated in 1906, is a true and brilliant scarlet, has a grand stem, does not burst, is never off crop, and is the best shipper and keeper ever introduced. Price: $12.00 100; $100.00 1000; 250 at 1000 rate.
Strong rooted cuttings of the following:

	100		100
White Lawson	$6.00	N. Fisher	$6.00
Enchantress	3.00	Prosperity	3.00
The Belle	6.00	L. Bountiful	6.00
H. Fenn	2.50	Goethe	2.50
Lord	2.50	Manley	3.00
Maceo	1.50	Cervera	2.00
Lawson	2.00		

5% discount for cash with orders.
Guttman & Weber, 52 W. 29th St., N. Y.

The new scarlet seedling ROBERT CRAIG, the ideal Christmas carnation. Prices: $2.50 doz., $12.00 100, $100.00 1000. 2500 lots, $95.00 1000; 5000 lots, $90.00 1000; 10,000 lots or more, $80.00 1000.
The new white seedling LIEUT. PEARY, commences blooming Oct. 15 and flowers continuously through the winter. A first-class commercial variety in every respect. Prices: $12.00 100; $100.00 1000.
Send orders early to
Cottage Gardens Co., Inc., Queens, N. Y.

Carnation rooted cuttings.

	100	1000		100	1000
Q. Louise	$1.20	$10.00	Armazindy	$1.00	$10.00
Alba	1.40	12.50	Mrs. Joost	1.20	10.00
America	1.00	10.00	Lawson	1.40	12.50
Mrs. Palmer	1.20	10.00	McKinley	1.40	12.50
Crane	1.20	10.00	Success	1.20	10.00
Eldorado	1.20	10.00	Harlow'den	1.40	12.50
M. Field	1.40	12.50	G. Roosevelt	1.40	12.50

Cash or C. O. D. with privilege of examining. Express prepaid. Unrooted cuttings one-half price. Hermitage Carnation Co., Loomis, Cal.

Strong, well-rooted carnation cuttings.

	1000		1000
Enchantress	$10.00	Flamingo	$50.00
Adonis	25.00	Lord	10.00
Angel	10.00	Estelle	15.00
Lawson	10.00	Bradt	10.00
L. Bountiful	40.00	Mrs. Patten	40.00
Gov. Wolcott	10.00	Peru	10.00
Flora Hill	10.00	Q. Louise	8.00
B. Market	20.00	Cash or C. O. D.	

Sol. Garland, Desplaines, Ill.

Carnations, well-rooted, ready now.

	100	1000		100	1000
W. Lawson	$6.00	$50.00	Enchantr'ss	$3.50	$30.00
Mrs. Patten	6.00	50.00	The Queen	3.00	25.00
Flamingo	6.00	50.00	B. Market	3.00	25.00
Albatross	6.00	50.00	Fair Maid	2.50	20.00
N. Fisher	6.00	50.00	Mrs. Lawson	2.50	20.00

Imperial Greenhouses, Utica, N. Y.

Rooted carnations, now ready.

	100	1000		100	1000
Ench'tress	$3.50	$27.50	Flamingo	$5.00	$40.00
Manley	3.00	25.00	B'ton Mkt.	3.00	25.00
H. Fenn	2.50	20.00	Fair Maid	2.50	20.00
Wolcott	2.50	20.00	Lawson	2.50	20.00

Mrs. M. A. Patten, $5.00 100; $40.00 1000.
Henry A. Stevens Co., East St., Dedham, Mass.

Carnation cuttings from selected stock.

	100	1000		100	1000
Nelson Fisher	$7.00	$60	Enchantress	$4.00	$30
Mrs. Patten	6.00	50	H. Fenn	3.00	25
Flamingo	6.00	50	Manley	3.00	25
Crusader	6.00	50	Fair Maid	2.50	20
D. Whitney	5.00	40	Queen	3.00	25

Backer & Co., Billerica, Mass.

Our specialty, in carnations, is UNROOTED CUTTINGS. We have the best varieties for business. Fair Maid, Mrs. Thos. W. Lawson, Boston Market, Queen, $10.00 per 1000; 250 or more at 1000 rate. Careful packing and prompt shipment. Cash, please.
STEPHEN CHASE, Nashua, N. H.

Carnation rooted cuttings.

White Lawson	$7.00	100,	$60.00 1000
Flamingo	7.00	100,	60.00 1000
Lady Bountiful	6.00	100,	50.00 100
Nelson Fisher	6.00	100,	50.00 1000
Crusader	6.00	100,	50.00 1000

John Breitmeyer's Sons, Detroit, Mich.

Surplus stock of fine carnations, such as Joost, Floriana, Dorothy, Glacier, Flora Hill, Queen Louise, Lillian Pond, Roosevelt, at $5.00 per 100, or will exchange for Princess of Wales violets.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

The CARDINAL is the best scarlet carnation to be introduced this season. Rooted cuttings ready Jan. 1, 1905.
Orders booked by
E. G. Hill Co., Richmond, Ind.
Chicago Carnation Co., Joliet, Ill.
S. S. Skidelsky, 824 No. 24th St., Phila.

Place your order now for the new carnation FRED BURKI. Will be disseminated in 1905. Price: $12.00 100, $100.00 1000; 250 at 1000 rate. Address S. S. Skidelsky, 824 No. 24th St., Philadelphia. Or,
John Murchie, Sharon, Pa.

Rooted cuttings, 30 varieties. Prices reasonable. Write
California Product Co., 8 Taylor St., San Francisco, Cal.

Unrooted carnation cuttings, Lawson and Boston Market, $1.00; Enchantress, $2.00 per 100.
E. V. Myers, Florist, St. Joseph, Mo.

Rooted carnation cuttings.

	100	1000		100	1000
W. Lawson	$6.00	$50	The Queen	$3.00	$25
Flamingo	5.00	40	Fair Maid	3.00	25
Enchantress	3.50	30			

Larchmont Nurseries, Larchmont, N. Y.

Orders taken for strong, healthy rooted cuttings. Price per 1000, Enchantress, $30.00; Prosperity and Nelson, $25.00; Lawson, Estelle and Wolcott, $20.00; Q. Louise and H. Maid, $15.00. Henry Baer, R. F. D. 3, Peoria, Ill.

PALMER'S RED LAWSON, sport from the famous Mrs. Thos. Lawson. Planted May 18, in full crop middle of August. Rooted cuttings, $10.00 100; $40.00 500; $75.00 1000.
W. J. Palmer & Son, Lancaster, N. Y.

Carnations, extra fine.
Fred Burki $12.00 100, $100.00 1000
Cardinal 12.00 100, 100.00 1000
Fiancee 12.00 100, 100.00 1000
S. S. Pennock, 1612 Ludlow St., Phila., Pa.

Unrooted carnation cuttings of Enchantress, $2.00 100; Lawson, $1.00 100; Crane, America and F. Hill, 75c 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Carnation WM. PENN, a new pink well worth a trial by every grower of carnations. Send for descriptive list now.
Albert M. Herr, Lancaster, Pa.

Mrs. Fisher, rooted cuttings from soil, $1.50 per 100; $12.00 per 1000.
G. Hanson, So. Cameron St., Harrisburg, Pa.

Carnations, field-grown; white and pink, $4.00 100. Converse Greenhouse, Webster, Mass.

Carnations. Novelties and standards. Write
F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

Chrysanthemum stock plants, all the best new things and the best of the standard sorts.
Willowbrook, W. H. Chadwick, Maud Dean, Mrs. Perrin, Pacific, Hero of Mafeking, Lady Harriott, Mrs. Robinson, Mrs. O. P. Bassett, Mrs. Jerome Jones, Maj. Bonnaffon, Opah, Omega, Pink Ivory, Polly Rose, $5.00 per 100.
Lord Salisbury, Mrs. T. W. Pockett, Mrs. Coombes, Mabel Morgan, Marie Liger, Nellie Pockett, Alice Byron, Mrs. F. S. Vallis, S. T. Wright, Col. Appleton, F. S. Vallis, Golden Beauty, Golden Wedding, Timothy Eaton, V. Morel, White Bonnaffon, Percy Plumridge, Jennie Falconer, $10.00 per 100.
Durban's Pride, Mrs. Thirkell, Ben Wells, Cheltoni, F. A. Cobbold, Gen. Hutton, Henry Barnes, Harrison Dick, Kimberly, Lelia Filkins, Mildred Ware, Maynell, Mary Inglis, W. Duckham, Dr. Enguehard, $15.00 per 100.
Cash with order, or 25% cash with all C. O. D. orders. 5 of any one variety at 100 rate.
Warrick Bros., 498 Locust Ave., Washington, Pa.

Chrysanthemums, high-grade stock.

Mrs. H. W. Buckee	Percy Plumridge
Rockford	Dr. Enguehard
S. T. Wright	Thos. Humphreys
Ben Wells	F. A. Cobbold
Mildred Ware	Wm. Duckham

Each, 25 cents; dozen, $2.50.

Alice Byron	Harrison Dick
Convention Hall	Mrs. C. J. Neville
C. J. Salter	Maynell
W. R. Church	Henry Second
Donald McLeod	Mrs. T. Longley

Each, 15 cents; dozen, $1.50.

Mrs. Thirkell	La Fusion
Mrs. T. W. Pockett	Goldmine
J. Carrington	H. W. Buckbee
Mrs. Barclay	Columbia
Lily Montford	Nellie Pockett

Each, 10 cents; dozen, $1.00.
H. W. BUCKBEE.
Rockford Seed Farms. Rockford, Ill.
Forest City Greenhouses.

Chrysanthemum stock plants. The best new and old standard sorts.
The new ones. Alice Byron (best early season white, Duckham, Dr. Enguehard, Ben Wells, Cheltoni, F. A. Cobbold, Guy Hamilton, H. Plumridge, Kimberly, Mildred Ware, L. Filkins, Maynell, Ida Barwood, F. S. Vallis, S. T. Wright, W. R. Church, Mrs. Buckbee, Golden Age, Rockford, Helen Frick, Mrs. N. Smith, 15c each, $1.50 doz.
Golden Wedding, Silver Wedding, Lavender Queen, White and Yellow Jones, Estelle, Polly Rose, Col. Appleton, Robinson, Henderson, Mme. Diedereichs, 8c each, 75c doz.
No order filled for less than $1.00. Satisfaction guaranteed. Cash.
Critchell's, Avondale, Cincinnati, Ohio.

The new white chrysanthemums, MAJESTIC and ADELIA were World's Fair prize winners. Having an immense stock of rooted cuttings of these two varieties we offer them at the low price of $3.00 doz.; $15.00 100: $125.00 1000. From 2-in. pots, 5c additional. Madonna, a fine pink, at same prices.
JOHN BREITMEYER'S SONS, Detroit, Mich.

Chrysanthemums. Strong stock plants of Dr. Enguehard, $1.00 per doz. Silver Wedding, Col. D. Appleton, Mrs. Jerome Jones, Columbia, Grates, W. K. Rieman, Helen Bloodgood, Marie Liger, White Bonnaffon, Mrs. S. J. Tranter, 75c per doz.
C. W. Reimers, Hite Ave., Louisville, Ky.

CHRYSANTHEMUMS—Continued.

Chrysanthemum stock plants. Fitzwygram, white Opah, Willowbrook, 5c each.

Monrovia, Omega, Robinson, Halliday, Jerome Jones, Yellow Jones, Appleton, Bonnaffon, Timothy Eaton, Yellow Eaton, Marion Newell, 8c each.

Marie Liger, Mlle. Douilet, Viviand-Morel, Fee du Champsaur, Golden Wedding, White Bonnaffon, White Maud Dean, Mrs. Chamberlain, Silver Queen, Tancred Bastet, Lily Mountford, C. J. Salter, Mrs. Coombes, Nellie Pockett, Mrs. T. W. Pockett, 15c each.

Diederich, Globasa Alba, Ethelyn, Harry Plumridge, Leila Filkins, Ben Wells, 25c each.

Also Wm. Duckham.

Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Chrysanthemum stock plants. Australie, Balfour, A. Byron, M. Bailey, Bentley, Chadwick, Convention Hall, Col. Powell, L. Deveau, Eaton, Halliday, Liger, Coombes, Emmerton, Chamberlain, Thirkell, Mrs. Pockett, Tranter, Mme. Herrewege, Mme. Nicollaud, Mme. P. Radaelli, M. Richardson, Mounier, G. Wedding, R. E. Richardson, F. S. Vallis, Yanariva, 7c each. S. T. Wright, F. A. Cobbold, Mildred Ware, Mrs. Buckbee, Lily Mountford, P. Plumridge, F. Molyneux, 15c each. Duckham, Filkins, Ben Wells, Maynell, W. R. Church, Mrs. F. S. Vallis, 25c each. No order filled for less than $2.00. W. A. Chalfant, Springfield, Mo.

CHRYSANTHEMUM STOCK PLANTS.

White—Estelle, Kalb, Robinson, Wanamaker, Eaton, White Mayflower, Ivory, Chadwick, Jerome Jones, White Bonnaffon.

Yellow—October Sunshine, Monrovia, Omega, Bonnaffon, Mournier, Yellow Mayflower, Yellow Jones, Appleton, Golden Wedding, Golden Beauty, Yellow Eaton.

Pink—Wm. Duckham, J. K. Shaw, Lavender Queen, Marion Newell, Richardson, Marie Liger, Viviand-Morel, Mrs. Murdock, Perrin, Pacific.

Red—Oakland, M. P. Labbe.

Price, 10 cents each; $1.00 doz.

WIETOR BROS., 51 Wabash Ave., Chicago.

Chrysanthemum stock plants. Wm. Duckham, Chelton, 15c each. Alice Byron, Nellie Pockett, Eaton, White Bonnaffon, Mutual Friend, Maud Dean, Mrs. Coombs, A. J. Balfour, W. B. Chamberlain, Yellow Eaton, Yellow Jones, Golden Wedding, Goldmine, Mrs. Carrington, Black Hawk, 10c each. Jerome Jones, Robinson, Merry Christmas, McArthur, Whilldin, Bonnaffon, Halliday, Mrs. Perrin, Pres. Smith, Murdock, 6c each. Appleton, Lincoln, Shaw, Clarke, Polly Rose, Mayflower, Pink Ivory, Glory of Pacific, 4c each.

James E. Beach, Bridgeport, Conn.

Chrysanthemum strong stock plants. Duckham, Cobbold, Marion Newell, H. Plumridge, Boccace, Ben. Wells, Dr. Enguehard, 25c each. Thirkell, Liger, Chamberlain, Balfour, 15c each. T. Eaton, Yellow Eaton, Goldmine, Golden Wedding, Appleton, Mrs. Jerome Jones, Coombes, Alice Byron, Monrovia, Chadwick, Lavender Queen, Orizaba, Merry Xmas, 10c each. Polly Rose, Willowbrook, Glory Pacific, Ivory, Pink and White Bonnaffon, White and Yellow Robinson, Blackhawk, Merza, Casco, Elmer D. Smith, Souci, 6c each.

Stuppy Floral Co., St. Joseph, Mo.

CHRYSANTHEMUMS.

Stock plants of Yellow Bonnaffon, Monrovia, Appleton, Omega, Golden Wedding, Pink Ivory, Glory of Pacific, Marie Liger, Mrs. Perrin, Maud Dean, M. Newell, Mrs. Frobin, White Bonnaffon, Chadwick, Alice Byron, Queen, Jones, Ivory; Convention Hall, $1.50 per doz.; Red Childs, all 75c per doz. except where noted. Cash, please.

G. M. NAUMANN, 1537 Doan St., Cleveland, Ohio.

Chrysanthemum stock plants. Per 100:

Bonnaffon	$ 5.00	Pink Ivory	$ 5.00
White Bonnaffon	5.00	Mrs. Weeks	5.00
Goldmine	5.00	Marie Liger	12.00
Jerome Jones	5.00	Chadwick	12.00
Convention Hall	12.00	Yellow Eaton	12.00

G. Hanson, So. Cameron St., Harrisburg, Pa.

Among the new varieties which we had on trial for this year are some magnificent sorts, 9 of which have been awarded certificates. Send for our November trade list which gives varieties, prices and full descriptions of each.

E. G. HILL CO., Richmond, Ind.

Chrysanthemum stock plants of Balfour, Halliday, White and Yellow Bonnaffon, Appleton, Minnie Bailey, Ivory, Eaton, Pacific, Kalb, Whilldin, Estelle and Duckham. Write for prices. We have a large stock of Ivory.

Wm. Swayne, Box 226, Kennett Square, Pa.

Chrysanthemum novelties. We are headquarters for the best new varieties. Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Mileham, Lady Cranston, A. J. Miller, Mrs. D. V. West, etc. Complete list now ready. Send for copy. Chas. H. Totty, Madison, N. J.

Chrysanthemum stock plants, can ship at once. Yellow Bonnaffon, Pink and White Ivory, Maud Dean, Col. D. Appleton, Mrs. Jerome Jones, Marie Liger, Xeno, Big Yellow, $5.00 100, 75c doz. Cash with order, please.

De Pew Brothers, Nyack, N. Y.

Chrysanthemum stock plants of T. Eaton, Pennsylvania, Appleton, $5.00 100.

Godfrey Aschmann, 1012 Ontario St., Phila.

Chrysanthemums Wm. Duckham, Dr. Enguehard, A. J. Balfour, Alice Byron, white and yellow; Golden Chadwick, Yellow Eaton, Appleton, Omega and Marion Newell, large, good healthy clumps. Write for prices.

The B. K. & B. Floral Co., Richmond, Ind.

Chrysanthemum stock plants. Coombes, Robinson, Halliday, Tranter, Alice Byron, Chamberlain, Golden Wedding, Cadbury, $5.00 per 100. These plants were grown in solid beds, making extra fine clumps.

The Summerfield Floral Co., Springfield, Mo.

Chrysanthemums, good clean stock of G. Pacific, Robinson, Kalb, Maud Dean and October Sunshine to close out at $3.00 per 100. Cash.

W. T. Stephens Co., Brookfield, Mo.

New pink chrysanthemum, Dr. Enguehard, $2.00 doz., $15.00 100. Cash or satisfactory reference. Jos. Tailby & Son, Wellesley, Mass.

Rooted cuttings of Bonnaffon and Mrs. Robinson chrysanthemums; 1000 of each at $1.00 per 100. W. H. Drake, Kenosha, Wis.

Chrysanthemums. Wm. Duckham and Alice Byron, extra fine, strong clumps, $1.00 per doz.

Larchmont Nurseries, Larchmont, N. Y.

White Maud Dean stock plants, 25c each, $2.50 per doz., identical with Pink Maud Dean.

Evenden Bros., Williamsport, Pa.

Stock plants Yellow and White Bonnaffon, Murdock, $2.00 per 100. Cash.

Holton & Hunkel Co., Milwaukee, Wis.

WM. DUCKHAM stock plants, 15c each, $1.50 doz.; 2½-in. plants, 75c doz.

Emil Glauber, Montclair, Colo.

CINERARIAS.

Cinerarias, 3-in., thoroughly rooted; stalky plants ready for shift, $4.00 per 100.

Valley Greenhouse Co., Sewickley, Pa.

Cinerarias, 3-in., strong plants, mixed colors, $3.00 100. F. J. Prouty, Spencer, Mass.

Cinerarias, in bloom, $1.80 doz.

Carl Meier, Green Bay, Wis.

COLEUS.

Coleus rooted cuttings, 40 var., 70c 100; $6.00 1000. Express paid. Cash.

S. D. Brant, Clay Center, Kan.

Coleus, good varieties, 2¼-in., $2.00 100, $15.00 1000.

R. Vincent, Jr. & Son, White Marsh, Md.

Coleus, R. C., 12 varieties, 60c per 100. Cash, please. Converse Greenhouses, Webster, Mass.

CYCLAMEN.

Extra fine cyclamen plants, in bloom for Christmas, 5, 6 and 7-in. pots at $5.00, $7.00 and $9.00 per dozen, full of bud and bloom.

Geo. A. Rackham, 880 Van Dyke Ave., Detroit, Mich.

Cyclamen giganteum, large flowering plants in bud, 3-in., $5.00 per 100.

S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen giganteum, 3-in., fine plants, $7.00 100. Cash, please. Fred Grohe, Santa Rosa, Cal.

Cyclamen, fine plants, in bud and bloom, $3.00 doz. Carl Meier, Green Bay, Wis.

DAHLIAS.

DAHLIAS. Pot roots for immediate shipment. Every section, including the popular CACTUS dahlias, at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $0.00 100. These are postpaid terms; note this when comparing prices.

Twelve seedling CACTUS dahlias, all 1903 sorts, and certificated by the Dahlia societies in England, $2.50 postpaid.

1904 seedling CACTUS dahlias. A rare opportunity; only a few to offer at $1.25 each, postpaid, in quantities of not less than 4 sorts, or 1 of each (there are 16 of them) for $16.00, postpaid.

Terms: Cash with order. Catalogue free.

Hobbies Limited, Norfolk Nurseries, Dereham, England.

DAHLIAS. Half a million pot roots ready for dispatch. The largest and most up-to-date collection in the world. Special low quotations to the trade upon receipt of requirements. Catalogues free.

The Horticultural Company, Champion Dahlia Specialists, Cheadle-Hulme, Cheshire, England.

Dahlias. 25 leading var., such as C. W. Bruton, A. D. Livoni, Nymphaea, Lemon Giant, Fern Leaf Beauty, Snow Clad, White Swan, Frank Smith, etc. Heavy, field clumps, $5.00 100; $45.00 1000.

The Dingee & Conard Co., West Grove, Pa.

Dahlia roots. Good selection of standard varieties, $5.00 100; $40.00 1000. Mixed, $4.00 100; $35.00 1000. Send for list.

R. Vincent, Jr. & Son, White Marsh, Md.

Dahlias, over 200 distinct varieties, new and up-to-date in all classifications. List and prices on application.

Palisades Nurseries, Sparkill, N. Y.

DAISIES.

Orders booked now for Mr. Burbank's NEW SHASTA DAISIES ALASKA, CALIFORNIA, WESTRALIA $3.00 doz.; $15.00 100. Having obtained my stock from Mr. Burbank, it is warranted to be pure and true to name. Plants ready now. Postal for circular. Shasta daisy "Shasta," strong field plants, $3.00 100. Small plants, one-third less. Prepaid. Cash, please.

Fred Grohe, Santa Rosa, Cal.

Daisies, $1.00 per 100.

S. D. Brant, Clay Center, Kan.

DRACÆNAS.

Dracaena indivisa, 6 to 10 inches high, fine stock to grow on, $5.00 per 1000.

Golden State Plant and Floral Co., Santa Monica, Cal.

Dracaena indivisa, strong 2½-in., $2.50 per 100; 4-in., $5.00 per 100.

J. C. Schmidt Co., Bristol, Pa.

Dracaena Bruanti, 6-in. pots, 25 inches high, leaves from top to bottom, 50c.

Godfrey Aschmann, 1012 Ontario St., Phila.

EUPHORBIAS.

Euphorbia splendens, 2½-in., $7.00 per 100.

Iowa Seed Co., Des Moines, Iowa.

BUSINESS BRINGERS—
Review
Classified Advs.

FARFUGIUMS.

Farfugium grande, 4-in., very bushy, $15.00 100; 5-in., extra fine, $20.00 100. This stock is finely variegated and in tip-top shape.

Michael Plant and Bulb Co., St. Louis, Mo.

Farfugium grande, bushy, 3-in., $10.00 per 100. Iowa Seed Co., Des Moines, Iowa.

FERNS.

Boston ferns, cut from bench for 6-in. pots. These ferns are nice and bushy, grown in full light, and run from 18 to 35 fronds to a plant. If taken as they run will sell for $25.00 per 100, if the best ones are wanted will sell for $35.00 per 100. Selling them at this price as we must have the space for other stock.

Edwin Wickersham & Co., 643 High St., Pottstown, Pa.

Look here! The heaviest Bostons from pots in the U. S., will fill 8 and 10-in. pots, only 40c; 5-in., 35c; 4-in., 15c; 3-in., 8c; 2½-in., 3½c. Extra heavy Piersoni, 6-in., 50c; 5-in., 40c, will fill 8-in. pots; 4-in., 15c; 3-in., 8c; 2½-in., 4c. Cash, please.

A. J. Baldwin, Newark, Ohio.

Boston ferns, 6-in., 2 feet high, 18, 20 to 25 fronds, 40c to 50c; 5 and 5½-in. pots, 25c, 30c and 35c; large 3-in., 15c; 8 to 9 inches, as big as a wash tub, $1.25 to $1.50 each. All kinds of ferns for dishes, $5.00 100; 3-in., $7.00. Holly ferns, 3-in., 10c.

Godfrey Aschmann, 1012 Ontario St., Phila.

Wishing to close out large lot of first-class varieties, strong bushy plants from 2-in., 2¼-in. and 3-in. pots, will offer them at $2.50 and $4.00 100. Sample 4, postpaid, 10c. Aspidium, Davallia, Lastraea, 5 vars., Pteris and others. Selaginella Emmeliana.

Harold Otter, Moorestown, N. J.

Boston ferns, 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100. Piersoni rooted runners, $2.00 100. Scottii, $5.00 100.

Davis Bros., Geneva, Ill.

A few thousand Pieraon ferns, strong, from beds, $12.50 per 1000; Boston ferns, $10.00 per 1000. Cash. Other sword ferns, very low. Send for special list.

A. L. Hatch, Rockledge, Fla.

Ferns for fern dishes, finest assortment from flats, $1.50 per 100, $12.00 per 1000; 2½-in., $3.00 per 100, $25.00 per 1000.

H. H. Berger & Co., 47 Barclay St., N. Y.

Boston ferns, 2½-in., $5.00 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c; 6-in., 50c; 7-in., $1.00; 8-in., $1.25. Piersoni ferns, 2½-in., 8c. Cash or C. O. D.

W. J. & M. S. Vesey, Fort Wayne, Ind

Boston ferns, extra fine stock cut from bench for 5, 6, 7, 8-inch pots, at $25.00, $50.00, $75.00, $100.00 per 100.

L. H. Foster, 45 King St., Dorchester, Mass.

Nephrolepis Scottii, 6-in., pot-grown, ready for 8-in., $15.00 doz.; 7-in., $24.00 doz.; 8-in., $36.00 doz.

John Scott, Keap St., Brooklyn, N. Y.

Boston ferns in 2½-in. to 10-in. Piersoni, 2½-in. to 7-in. Scottii, 4-in. to 6-in.

Geo. A. Kuhl, Pekin, Ill.

Ferns Anna Foster, Piersoni and Boston ready for 6 and 8-in., 25c each.

A. B. Campbell, Cochranville, Pa.

Assorted ferns for jardinieres, in all the leading varieties, 2¼-in., $3.00 per 100; $25.00 per 1000. Frank Eskesen, Madison, N. J.

Boston ferns, 3-in., 6c; 4-in., 12c; 5-in., 25c; 6-in., 35c; 7-in., 60c. Pierson ferns, 3-in., 8c; 4-in., 15c. S. M. Harbison, Danville, Ky.

Boston ferns. Stocky plants with short fronds, good value; 6-in. pots, 50c each, $6.00 doz. J. W. Young, Germantown, Phila., Pa.

Ferns for ferneries. All the popular sorts. Fine bushy plants, 2½-inch pots, $6.00 100. Chas. A. Knapp, Chestnut Hill, Pa.

Boston ferns, 3, 4 and 5-in. Fine stock. Write for lowest prices. Swan Peterson Floral Co., Gibson City, Ill.

Boston ferns, 3-in., 4-in. and 5-in., 8c, 15c and 20c. Rhoten Bros. & Co., Box 5, Danville, Ill.

Boston ferns, 5-in. pots, 25c; 6-in. pots, 35c. H. W. Field, Northampton, Mass.

Boston ferns, 4-in., fine stock, $15.00 100. Converse Greenhouses, Webster, Mass.

GARDENIAS.

Gardenia grandiflora plants, field-grown and healthy 1-yr. plants, 12 to 18 in., well-rooted and branched, $3.00 per doz., $18.00 per 100; 2-yr. plants, very fine, $5.00 per doz., $25.00 per 100, 50 at 100 rate. I prepay express charges. Wm. C. Steele, Alvin, Tex.

GENISTAS.

Genistas, 3-in., $4.00 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

BUSINESS BRINGERS— REVIEW Classified Advs.

GERANIUMS.

Geraniums; good, strong, stocky plants from 2¼-in. pots.

Double.	12	100	1000
Bruanti, dbl. orange red	40c	$2	$20.00
Centaure, beautiful rose pink	40c	2	17.50
C. de Harcourt, pure white	40c	2	20.00
Dbl. Gen. Grant, vermilion scarlet	40c	2	17.50
Gloire de France, white, pink shading	40c	2	17.50
Jean Viaud, bright rose pink	40c	2	17.50
Le Cid, dark scarlet crimson	40c	2	17.50
La Favorite, pure white	40c	2	20.00
Miss F. Perkins, light pink	40c	2	20.00
Miss Kendall, dark cerisette	40c	2	20.00
Mme. Charrott, rosy salmon pink	40c	2	20.00
Mme. Barney, rose pink	40c	2	20.00
Mme. Buchner, white	40c	2	20.00
Mme. Landry, apricot salmon	40c	2	17.50
Mme. Canovas, dark maroon	40c	2	20.00
S. A. Nutt, scarlet crimson	40c	2	20.00
Singles.			
Granville, rose pink	40c	2	17.50
L'Auba, pure white	40c	2	17.50
Queen of the West, orange scarlet	40c	2	17.50
Sgl. Gen. Grant, crimson scarlet	40c	2	17.50

SPECIAL PRICE FOR THIS WEEK.
Not less than 250 of any one variety of the following at $15.00 per 1000; 6000 for $100.00: Dbl. Gen. Grant, Gloire de France, Jean Viaud, Mme. Landry, Granville and Queen of the West.
Send for our descriptive geranium catalogue.
R. Vincent, Jr. & Son, White Marsh, Md.

Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong 2½-in. plants, $5.00 per 100. ANDREW PETERSON, Paxton, Ill.

Geranium cuttings, well rooted. Nutt, La Favorite, Paul Bruant, R. R. Gosslin, Dbl. Salmon Pink, Mme. Salleroi, all good strong top cuttings at $1.25 per 100. Cash with order. Logan Avenue Greenhouses, 1227 Logan Avenue, Danville, Ill.

Geraniums, well-rooted cuttings of S. A. Nutt, Le Soleil, Beaute Poitevine, Mme. Buchner, Mme. Landry, De Harcourt, rose scented, $1.25 100, $10.00 1000. Cash. C. B. Shisler, Williamsville, N. Y.

Geranium PETER HENDERSON, a very much improved double Grant, should be in every growers' collection.
Strong rooted cuttings delivered free at 50c per doz. Albert M. Herr, Lancaster, Pa.

Geraniums, rooted cuttings. S. A. Nutt, Paul Bruant, Viaud, B. Poitevine, Mrs. E. G. Hill, Buchner, $1.50 100, $14.00 1000. The W. T. Buckley Co., Springfield, Ill.

Geranium rooted cuttings, S. A. Nutt and Poitevine, good stock and true to name, $10.00 1000. C. F. Treichler, Sanborn, N. Y.

Geraniums, best sorts, 2½-in., $2.00 per 100; rooted cuttings, $1.00 per 100. J. C. Schmidt Co., Bristol, Pa.

Geraniums, R. C., leading varieties, $1.00 per 100. Cash, please. Converse Greenhouses, Webster, Mass.

Rooted geranium cuttings, $1.25 per 100. Cash, please. Fred Grohe, Santa Rosa, Cal.

Apple scented geranium, 2-in., $3.00 per 100. Iowa Seed Co., Des Moines, Iowa.

GLADIOLI.

Groff's hybrid gladioli, $1.00 per 1000, will bloom the first year; bulblets, 35c per 1000. Colors are white, scarlet, crimson, bright pink, delicate peach and rose; flowers 3 to 5 inches in diameter. Cash with order. Ralph Hornor, Mt. Holly, N. J.

Gladioli. Groff's Silver Trophy strains in white, light and yellow; May; Groff's hybrids; and a mixture of Mannereth, Augusta and other shades; all sizes. Mrs. A. H. Austin, Wayland, Ohio.

Gladioli. Highest quality grown in the world. Groff's hybrids and other sorts the best obtainable. See display adv. in this issue. Arthur Cowee, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.

	100	1000
Gladiolus Colvillei, The Bride, white.	$0.75	$5.50
Gladiolus Colvillei rubra, pink	.60	4.75

Arthur T. Boddington, 342 W. 14th St. N. Y.

Gladiolus bulbs. May and Groff's hybrids (both genuine). All sizes for sale cheap. Cash, please. P. O. Coblentz, New Madison, Ohio.

Gladiolus Colvillei, The Bride, pure white forcer, 65c 100; $6.00 1000. H. H. Berger & Co., 47 Barclay St., N. Y.

EASTER gladioli for forcing, $20.00 1000. Trade list free. John Lewis Childs, Floral Park, N. Y.

PAN-AMERICAN GLADIOLI, fine bulbs, $6.00 per 1000. Central Michigan Nursery, Kalamazoo, Mich.

Bulbs and bulblets. Colors or mixed. Write for prices. E. E. Stewart, Rives Junction, Mich.

Gladiolus bulbs. State wants, for prices. John Fay Kennell, Chili Center, N. Y.

Our gladiolus bulbs are good. Try them. Cushman Gladiolus Co., Sylvania, O.

GREVILLEAS.

Grevillea robusta, 2-in., $3.00 per 100. Iowa Seed Co., Des Moines, Iowa.

HARDY PLANTS.

Boxwood pyramids, 4 ft., $150.00 100; 3 ft., $100.00 100. Boxwood for pots, fine stock, $25.00 100. Rhododendrons, hybrids for forcing, $50.00 100; larger size, $75.00 to $100.00. Azalea mollis, well budded, $25.00 100; standards, $50.00 100; extra, $75.00 100. Deutzia gracilis, $13.00 100; D. Lemoinei, $15.00 100. Hydrangea paniculata grandifl., $15.00 100. Lilacs, $45.00 100. Aristolochia Sipho, extra fine, $45.00 100. Dielytra spectabilis, fine roots, $7.50 100. Magnolia in variety, large plants, $150.00 100. F. W. O. Schmitz, Prince Bay, N. Y.

BERBERIS THUNBERGII.
Strong, 3-yr.-old plants, 15 to 18-in., bushy and finely rooted, $10.00 per 100; $80.00 per 1000. Also trees, shrubs and other nursery stock. Packing at cost. Klehm's Nurseries, Arlington Heights, Ill.

Extra fine blue spruce (Koster), from 2 to 5 ft. high, taxus in all sizes, conifers, hardy shrubs, etc. All strictly first-class. Catalogue free. Van der Weijden & Co., Boskoop, Holland.

Citrus trifoliata seedlings, 8 to 12 inches high, 50c doz., $2.50 100; 12 to 18 inches high, $1.00 doz., $3.00 100. E. J. Thomas, Webster, Tex.

Now is the time to book your orders for Japanese nursery stock for spring delivery. Send for catalogue. Suzuki & Iida, 31 Barclay St., N. Y.

I am closing out J. H. H. Boyd's stock of seedlings. Write me for wholesale trade price list. F. C. Boyd, Gage, Sequatchie Co., Tenn.

Trees and shrubs, fine varieties, low prices. Send for catalogue. Peterson Nursery, Lincoln & Peterson Aves., Chicago.

Perennials; many acres, including all the best commercial and florists varieties. Send for list with prices. Palisades Nurseries, Sparkill, N. Y.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

Apple seedlings, apple grafts, forest tree seedlings and general nursery stock. Shenandoah Nurseries, Shenandoah, Iowa.

For your trees, shrubs, vines and small fruits send to WM. H. MOON CO., Morrisville, Pa.

Rudbeckia, extra choice large clumps, $5.00 100. John Brod, Niles Center, Ill.

HELIOTROPES.

Heliotrope rooted cuttings, 12 var., $1.00 100, $8.00 1000. Express paid. Cash. S. D. Brant, Clay Center, Kan.

Heliotropes, light and dark, rooted cuttings, $1.00 100. Cash, please. Fred Grohe, Santa Rosa, Cal.

Heliotropes, blue, strong 2-in., 1½c; R. C., ¾c, mail. Cash. Byer Floral Co., Shippensburg, Pa.

Heliotropes, 2¼-in., fine stock, $2.00 per 100. Cash. W. H. Parsil, Summit, N. J.

Heliotropes, good varieties, 2¼-in., $2.00 100. R. Vincent Jr. & Son, White Marsh, Md.

HIBISCUS.

Hibiscus Peachblow, 2-in., $3.00 per 100. Iowa Seed Co., Des Moines, Iowa.

Hibiscus, 3 varieties, $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

HOLLYHOCKS.

Hollyhocks, dbl. white, mixed, 3-in., $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

IVY.

Ivy. Strong, field-grown, English plants, with many runners, 3 to 4 ft., 75c doz., $6.00 100, $50.00 1000. Palisades Nurseries, Sparkill, N. Y.

Hardy English ivy, $2.00 100, $15.00 1000. R. Vincent Jr. & Son, White Marsh, Md.

JAPANESE NOVELTIES.

Japanese tiny plants and dwarfed trees of many varieties in attractive Japanese pots. An immense stock and the only stock of these novelties in the country; great value, first-class sellers, wonderfully unique and attractive. Price, $25.00 per 100. Suzuki & Iida, 31 Barclay St., N. Y. City.

LANTANAS.

Lantanas, 10 varieties, 2¼-in., $2.00 100, $17.50 1000. R. Vincent, Jr. & Son, White Marsh, Md.

LILACS.

Lilacs for forcing. M. Le Graye, etc., $7.20 doz., $45.00 100. H. H. Berger & Co., 47 Barclay St., N. Y.

LILY OF THE VALLEY.

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	12	100
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We make a specialty of violets. Write
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M. N. Fielder & Co.

We can't afford to lose the Review; it is "it."—Robert Schultz, Madison, N. J.

I always look forward with pleasure to the Review's weekly visit.—J. B. Stephens, Toronto, Ont.

Here is a dollar for the Review another year; it is money well spent.—Gustav Bartholme, Syracuse, N. Y.

Please send the Review for this year as I like it very much and will send you an adv. later.—A. J. Thompson, West Haven, Conn.

The Review is "it" among the trade papers. It has the most up-to-date and timely articles of general interest. I could not get along without it.—F. J. McSweeney.

The more we advertise in the Review the more we are convinced of its advertising value. It reaches the buyers, always. We disposed of nearly 10,000 verbenas with two insertions of our classified advertisement.—Wm. Bierstadt & Son, Springfield, Ill.

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2½-in. pots, 4-5 leaves to a plant, 8 to 12 inches high, $6.00 per 100; $50.00 per 1000. Cash with order. Address

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Sequatchie County, - GAGE, TENN.

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Catalogues and price list free on application.

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NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

THE sale for fruit trees, while already great, is only a fraction of what it may easily become in the west and northwest if developed along right lines.

PETER BRONDYKE, of Morrison, Ill., expects to engage in the nursery business at Grand Rapids, Mich.

W. V. EBERLY is now manager of the California Nursery Co., Niles, Cal., succeeding the late John Rock.

SADDLER BROS., nurserymen, Bloomington, Ill., are building a large storage and packing house to cost $5,000.

AT Flintville, Tenn., H. L. Brown, F. M. Copeland and W. A. England are preparing to start in the nursery business.

THE sale for hybrid perpetual roses is increasing annually and each year one or more desirable varieties is short of the demand.

THE planting season for nursery stock is practically at an end and in general it has been a good fall business. Storage houses are well filled for spring.

WM. A. PETERSON, Chicago, and his family started December 12 for Los Angeles, where Mrs. Peterson and the children will spend the winter. Mr. Peterson will remain a month.

THE Iowa State Horticultural Society is in session at Des Moines this week. Among the nurserymen on the program are Silas Wilson, C. L. Watrous, C. R. Bechtle, M. J. Wragg, H. A. Terry and C. F. Gardner.

AN economy of space is secured by planting trees by the triangular or equilateral rather than the square method. To determine the number of trees required per acre, divide the number required by the square method by the decimal fraction .866.

THE Kansas State Horticultural Society will meet at Topeka, December 27 to 29. Many western nurserymen will be present, also J. H. Hale, of South Glastonbury, Conn., who is on the program for an address on peach growing, also for one on the work of the American Pomological Society.

WHEN peach trees are planted twenty feet apart each way 109 are required to the acre; twenty-two feet, ninety trees; twenty-four feet, seventy-five trees.

A CONSTANTLY increasing number of florists are handling nursery stock, principally flowering shrubs. They planted considerable stock this fall and the nurseryman who takes good care of their orders will find them increasingly valuable patrons as they enlarge their operations, as they are certain to do.

THE U. S. Department of Agriculture has been experimenting ever since the big freeze of 1898, with a view to securing an orange which would be hardy enough to stand the coldest weather that is likely to come to the south. Prof. Galloway says the success has been remarkable, that several valuable varieties, other than one particularly hardy sort have resulted and will be given a thorough trying out.

THE WESTERN TREND.

Thus far the nearest approach which the west has had to the splendid estates which center in a number of localities in the east is the summer colony at Lake Geneva, Wis., where a number of Chicago families maintain small but pretty places. But as wealth passes to the second generation and leisure increases there is sure to be a rapid development of fine country estates on a par with those in older sections of the United States. This tendency is already being manifested by the purchase of farms in the vicinity of Lake Forest, Ill., only about twenty miles from Chicago. The several wealthy men are individually buying adjoining farms with the purpose of combining several properties into a splendid estate. When this movement gathers force, as it is sure to do soon, it will mean a great opportunity for the landscape architects, the nurserymen and the gardeners.

CATALOGUES RECEIVED.

F. Ludemann, San Francisco, Cal., plants; E. H. Hunt, Chicago, Christmas greens and novelties; Texas Seed and Floral Co., Dallas, Tex., seeds and plants; California Nursery Co., Niles, Cal., nursery stock; Sluis & Groot, Enkhuizen, Holland, seeds; M. Herb, Naples, Italy, seeds.

THE FIRE RISK.

The insurance men are taking an interest in the holiday decorating this year. Last Saturday the Chicago underwriters sent out a notice cautioning against the use of inflammable decorations, mentioning in particular such things as wild smilax, bouquet green wreathing, etc. Similar notices have been sent out in many other cities. The caution was directed particularly toward department stores, but they are not extensive users of green, having too many goods to show at this season to give space to decorations not salable.

CLEVELAND.

The Market.

Business is having its usual lull just before the general rush of the holiday. A few social functions have at times called for an extra supply. Beyond this it is quiet. Prices remain the same as at Thanksgiving. Good flowers are limited and those that come in are eagerly sought for. Roses are somewhat off crop and a decided scarcity will prevail at holiday time. Beauties are an exception, as a good crop is on locally for Christmas, enough possibly to satisfy the home demand. Red roses, such as Liberty, Meteor and General MacArthur, will be exceedingly scarce. There will be few carnations, but one or two growers have hit it nicely, which will materially help out. Bulbous stuff will, as usual, be quite plentiful, as will also stevia. Valley and violets will be on hand, as most of these are shipped here from Chicago. Poinsettias, both for cutting and as pot plants, will be limited. Cyclamen, Lorraines and azaleas are in their usual supply.

Various Notes.

The reception held at the Wade mansion recently was a gorgeous affair and was well handled by the J. M. Gasser Co. Flowers and plants were used lavishly. The gifts of flowers were something enormous. It is said the amount has never before been equaled in Cleveland. All the store men were busy on this occasion.

The stores present a brilliant array of Christmas color. Immortelle wreaths, bells and paper poinsettias play an important part.

Collins & Harrison have a pretty window of crotons, araucarias and Boston ferns, all neatly trimmed with red.

The J. M. Gasser Co.'s windows are beautiful with orchids, "real" poinsettias and a well-made holly wreath five feet in diameter. Small red electric globes are interspersed.

Smith & Fetters have a full display of immortelle wreaths tied with ribbon to match. A large assortment of bells is shown. Paper poinsettias were used largely in completing a scarlet window.

A call on the ever genial Isaac Kennedy, at West Park, is always a pleasure. Although he has only three houses, which are to form the nucleus of what will some day mean a magnificent plant, Mr. Kennedy keeps busy. He is also mayor of the burg, which perhaps explains his manner of handshaking. The plant is roses exclusively. Brides and Maids are looking fine and give promise of a good Christmas cut. The eel worm is giving him some trouble. He has one thing on the place that is a pretty sight. It is a bench of a new Bride rose which is a decided improvement, as it is more vigorous and the flowers larger. Next season Mr. Kennedy will plant the whole place with this and possibly send it out in a year or two.

Frank Smith has returned from New York.

J. M. Gasser is planning to spend the winter in New Mexico and Texas.

A. L. Brown has the sympathy of the craft in the loss of his mother recently in Philadelphia.

Several Cleveland florists have been visiting the Essex Greenhouses of North Olmsted to inspect the Beauty and carnation crop.

FOREST CITY.

Rooted Carnation Cuttings

..NOW READY..

These low prices good only up to December 25.

WHITE:	Per 100	Per 1000
Queen Louise	$1 00	$10.00
Flora Hill	1.00	10.00
Alba	1.40	12.50
Gov. Wolcott	1.00	10.00
Norway	1.00	10.00
Lillian Pond	1.40	12.50
Chicot	1.20	10.00
PINK:		
Mrs. Thos. Lawson	1.40	12.50
Enchantress	3.50	30.00
Mrs. Joost	1.00	10.00
Success	1.00	10.00
Mermaid	1.00	10.00
Cressbrook	1.00	10.00
Pres. McKinley	1.40	12.50
Mrs. Theo. Roosevelt	1.40	12 50
SCARLET:		
G. H. Crane	$1.00	$10.00
America	1.00	10.00

SCARLET:	Per 100	Per 1000
P. Palmer	$1.00	$10.00
Estelle	1.40	12.50
J. H. Manley	1.50	15.00
Apollo	1.50	15.00
CRIMSON:		
Harlowarden	1.40	12.50
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YELLOW:		
Golden Beauty	1.40	12.50
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VARIEGATED:		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Stella	1.40	12.50
Armazindy	1.00	10.00
Viola Allen	1.20	11.00
Gaiety	1.20	11.00

Special prices on large lots. Unrooted pips at half price of above. 25 at 100 rate. 250 at 1000 rate. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

Loomis Floral Company, LOOMIS, CAL.

Mention The Review when you write.

PACIFIC COAST.

DECORATIVE PLANTS.

Florists and nurserymen often have demands for extra size palms and other large plants for permanent decoration in hotel corridors, offices and the interior of stores. The more expensive palms are not long lived in such locations and the parties using them generally want to replace the sick plants with something hardier and cheaper. Where the plants are put in large boxes or tubs, so that they are too heavy to bring out occasionally to the light and be given a good washing, it is not advisable to recommend kentias, seaforthias, latanias or cocos, and, although these are the varieties that are generally selected by the customer because of their graceful habits, they do not thrive long under unfavorable conditions and the customer usually returns to the dealer with the complaint that his plants are sick. It is useless to recommend such things unless the florist knows that the conditions are favorable, and they are generally just the reverse in a draughty hotel corridor or retail store. A kentia that will cost $25 will not keep its color twenty-five days and it gives much better satisfaction to recommend a hardy palm.

I have replanted Chamærops excelsa in pots in which seaforthias have died, and they have lasted for years under the same conditions. Chamærops humilis does not live as long but makes a very good decorative palm. Phœnix Canariensis I find to be the best suited of its class, and, although it does not thrive as well as Brahea dulcis, it comes nearer to being what the public expect when they want to use a long branched plant. Bambusa Japonica I have had splendid success with, and, although it is not well known for this usage, it is well worth a trial. Phormium tenax makes a very effective specimen, stands considerable neglect and will live on a very small allowance of water. Aspidistras, both variegated and green, are long lived and always in demand. Rhapis flabelliformis dies slowly and so does Cycas revoluta and are not satisfactory unless they have plenty of moisture and light.

In evergreens Sciadopitys verticillata, the Japanese umbrella pine, can be recommended and also the Japan juniper, both of which are about the best I have found in that class of shrubbery.

Dracæna indivisa is used probably as much as anything here in a cheap decorative plant and, although it is not long lived, it does not cost much to replace and that is one of the items to take into consideration in replenishing empty plant boxes.

G.

SAN FRANCISCO.

The Market.

The cold weather has at last arrived and we have had several degrees of frost nightly during the past week. The days are warm and bright and stock is still plentiful, although if the frost continues it will make outdoor flowers scarce. It has not yet affected the chrysanthemums to any extent and they continue to be the most popular flower. Violets are next in order and I look for a shorter picking in a few days unless we have more rain. Carnations are still being sold wholesale at the same prices they have been held at for the past month, and roses likewise. Narcissi are very plentiful and valley is in very good demand. There will be no scarcity of this flower during Christmas week, as there is plenty of it being forced at present. Red berries and all kinds of green stuff sell well.

Various Notes.

An appraisement of the estate of the late John Rock, the pioneer nurseryman, has just been announced. It consisted principally of his interest in the Cali-

Don't Wait

until you need cuttings. Order now; then you will have them when you want them.

Geraniums, Ivy Geraniums, Fuchsias, Double Petunias, Heliotrope and Bedding Plants in general, $6.00 per 1000.

Express prepaid on all orders received on or before December 15, 1904. Thirty varieties of **Carnation Cuttings.** Prices on application. Also **Dahlias, Cannas and Calla Bulbs.**

California Product Company,

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From 2¼-inch pots, extra strong plants with 2 and 3 tier, 6 to 8 inches high, at **$16** per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, **$10** per 100 and from 2½-inch pots 6 to 8 inches high, **$12.50** per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

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POST OFFICE ADDRESS:
LONG BEACH, CAL., R. F. D. No. 1.

The Largest Growers of **FREESIA BULBS** in the U. S.

SPECIALTIES—Freesias, Grand Duchesse Oxalis. Bermuda Buttercup, Amaryllis Johnsonii and Belladonna, Gladioli, Ornithogalum, Zephyranthes Rosea and Candida, Childanthus Fragrans. Hybrid Tigridias, Chinese Narcissus, etc., etc.

Mention The Review when you write.

fornia Nursery Co., at Niles, together with several parcels of real estate, amounting to about $50,000 in all. The estate was left to his two children.

D. H. Lenox, florist and nurseryman, of Los Angeles, is in town.

Some fine outdoor-grown poinsettias from the Whittlesey Floral Gardens, of Los Angeles, are arriving here.

H. Hayashi is remodeling the old Tyler Nurseries on Everett street, Alameda.

Two carloads of Oregon Christmas trees arrived December 9. They were the first in town and were consigned to James Skinner, who will handle several more cars before the holidays. The trees are in good shape and cost the retailers from 25 cents to $1.50 each. G.

FRESNO, CAL.—Mrs. K. L. Cherry is an amateur florist who is now embarking in flower growing as a business, as so many do.

CHAS E. ROYCE, sales manager for the Pacific Window Glass Co., reports an inquiry for greenhouse glass which indicates an increased amount of greenhouse building on the coast this season.

PORTLAND, ORE.—Last summer was hot and dry and fall trade nothing to boast of, but business is getting under way again and the prospects are for a big Christmas business. Clarke Bros. are very busy.

THE advertisement in the REVIEW did the business on the geranium cuttings.—W. H. JONES, Lorain, O.

200,000 ROOTED

Carnation Cuttings

NOW READY.

WHITE	Per 100	Per 1000
Queen Louise	$1.00	$10.00
Flora Hill	1.00	10.00
Gov. Wolcott	1.00	10.00
Alba	2.00	15.00
White Cloud	1.00	10.00
PINK		
Lawson	1.20	12.50
Marquis	1.00	10.00
Enchantress	3.50	30.00
Mrs. Joost	1.00	10.00
McKinley	1.40	12.50
Mermaid	1.00	10.00
Cressbrook	1.00	10.00

SCARLET	Per 100	Per 1000
Crane	$1.00	$10.00
America	1.00	10.00
Estelle	1.40	12.50
CRIMSON		
Harlowarden	1.40	12.50
YELLOW		
Eldorado	1.10	12.50
Golden Beauty	1.40	12.50
VARIEGATED		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Armazindy	1 00	10.00
Viola Allen	1.20	11.00

Unrooted Cuttings at one-half price of Rooted Cuttings.

Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

100,000 Pansy Plants at $10.00 a thousand.

Loomis Carnation Co.

Lock Box 115. **Loomis, Cal.**

Mention The Review when you write.

300,000 Rooted Carnation Cuttings

NOW READY

☞ These low prices good only up to December 20th.

White:	Per 100	1000	5000
Queen Louise	$1.00	$10.00	$45.00
Flora Hill	1.00	10.00	45.00
Alba	1.40	12.50	60.00
Wolcott	1.00	10.00	45 00
Norway	1.00	10.00	45.00
White Cloud	1.00	10.00	45.00
Pink:			
Lawson	1.20	12 50	60.00
Marquis	1.00	10.00	45.00
Enchantress	3.50	30 00	....
Genevieve Lord	1.00	10.00	45.00
Mrs. Joost	1.00	10 00	45.00
Success	1.00	10.00	45.00
Mermaid	1.00	10.00	45.00
Cressbrook	1.00	10.00	45.00
McKinley	1.40	12.50	60.00

Scarlet:	Per 100	1000	5000
Crane, still ahead	$1.00	$10 00	$45.00
America	1.00	10.00	45.00
P. Palmer	1.00	10.00	45.00
Estelle	1.40	12.50	60.00
Crimson:			
Harlowarden	1.40	12.50	60.00
Gen. Gomez	1.00	10.00	45.00
Yellow:			
Golden Beauty	1.40	12.50	60.00
Eldorado	1.00	10.00	45.00
Variegated:			
Prosperity, fancy	1.40	12.50	60.00
Violania, still ahead	5.50	50.00	....
Marshall Field	1 40	12.50	60.00
Stella	1.40	12.50	60.00
Armazindy	1.00	10.00	45.00
Viola Allen	1.20	11.00	50.00

Unrooted Pips at half price of Rooted Cuttings.
25 at 100 or 1000 rates; 2500 at 5000 rate.

Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

California Carnation Company,

Lock Box 103. **LOOMIS, CAL.**

Mention The Review when you write.

Primula Chinensis

5 colors, 2 and 3-inch, $2.00 to $3.00 per 100.

CYCLAMEN GIGANTEUM, Vaughan's Seed, 3-inch, fine plants, $7 per 100.
GERANIUMS R. C., $1 25 per 100.
HELIOTROPE, light and dark, R. C., $1 per 100.
PETUNIAS, R. C., single from California Giants, one of the finest collections in Cal. Flowers from 4 to 6 inches across. Double, from Dreer's and Henderson's sets, $1.25 per 100. Cash please.

FRED GROHE,

McDonald Avenue, SANTA ROSA, CAL.

Mention The Review when you write.

CARNATION ROOTED CUTTINGS NOW READY

	100	1000
Queen Louise, fine white	$1.20	$10.00
Alba, large white	1.40	12.00
America, red	1.00	10.00
Mrs P. Palmer, big scarlet	1.20	10.00
G. H. Crane, scarlet	1.20	10.00
Eldorado, yel.	1.20	10.00
Marshall Field, barred	1.40	12.50
Armazindy, barred	$1 00	$10.00
Mrs. Joost, pink	1.20	10.00
Lawson, pink	1.40	12.50
Pres. McKinley, pink	1 40	12.50
Success, light pk.	1.20	10.00
Harlowarden, crimson	1.40	12.50
Gov. Roosevelt, crimson	1.40	12.50

Unrooted Cuttings one-half price. Terms—Cash with order or C.O D., with privilege of examining. Express prepaid at above prices. All plants warranted true to name and well rooted.

HERMITAGE CARNATION CO., Loomis, Cal.

Mention The Review when you write.

KANSAS CITY.

The Market.

All the florists are trimming their windows with holly and mistletoe and shoppers are placing quite a number of advance orders. Roses are plentiful, demand fair and prices about the same as usual. Carnations are scarce, prices are going up and the demand exceeds the supply. Poinsettias are in demand for table decorations but the supply as yet is short. Lily of the valley and Paper Whites are selling well, with the supply plentiful. Everything promises unusually good business from now on.

Various Notes.

An unfortunate occurrence happened at Alfred Barbe's last week. Two of his workmen, while engaged in placing plants on the benches, became involved in a brawl. The result, one in the hospital, severely wounded, and the other in jail.

Miss Murray, on Grand avenue, reports business good in her line and has already booked some fine orders for Christmas.

The best violets shown by any one in the city are in the show window of Freudenthal, on Walnut street. They are from Ed. Bunyar, of Independence.

Lawrence Schwager is putting in a large stock of Christmas trees and reports a good business at his Walnut street store.

The Union Depot Flower Co. will move from the present location on Walnut street about the first of January, their lease having expired.

Jacob Tobeler, of Westport, is buying a large stock of holly.

Mr. Smith, of near Elmwood, sold his property last week for $18,000 and has bought property near R. S. Brown's, in Maywood, which he expects to occupy in early spring.

Sam Sharp, Thirty-third and Prospect street, is sending in some fine azaleas and Gloire de Lorraine begonias.

Mrs. Juvell, of Grand avenue, reports business as fair at present, with good prospects for Christmas trade.

NARCISSUS.

NASHVILLE, TENN.

The Joy & Son Company is justly regarded as the leading firm south of the Ohio river. The business was established twenty-five years ago by T. S. Joy and for many years was conducted under the name of Joy & Son. This firm was succeeded three years ago by the present company, which was incorporated with the following officials: T. S. Joy, president; T. C. Joy, vice-president, and Mrs. T. S. Joy, secretary and treasurer. The greenhouses are forty in number and equipped throughout in the most modern and efficient manner. The land is from seven to eight acres, and there are 200,000 square feet of glass, covering a general stock. The company also maintains an up-town salesroom at No. 600 Church street. They not only carry on a large local trade, but ship large quantities of designs, cut flowers and plants throughout the south.

HERE is another dollar for the REVIEW; it is the best florist paper published and we cannot do business without it.—A. T. BUCKERIDGE, Wichita, Kan.



A prosperous florist is like the bee, never idle.

HOLIDAY PLANTS NOW READY.

Importers and Headquarters for the Beautiful Plants.

Araucaria excelsa cheaper and better than anywhere else. Have the largest stock in Philadelphia. No seedlings, but raised from top cuttings in Belgium only. 5½-inch pots, 12 to 15 inches high, 3 to 4 tiers, 60 cents; 5½ to 6-inch pots, bushy plants, 4 to 5 tiers, 15 to 20 inches high, 75 cents; 6-inch pots, 20 to 25 inches high, 5 tiers, $1 each; 6-inch pots, specimen plants, as broad as long, $1.25 to $1.50 each.

Ficus elastica or rubber plants, home grown and imported. Have enough to meet all wants in excellent condition—better than ever—nicely staked up, 6-inch pots, 20 to 30 inches high, having from 16, 20, 25 to 30 perfect leaves to the plant, $4, $5 and $6 per dozen. Specimens 6 to 7-inch pots, 30 to 36 inches high, 75 cents to $1.00 each.

Azalea indica in full bloom or bud, ready now for Xmas or New Years, unusually nice for this year. Strong plants of Deutsche Perle, pure double white. Simon Mardner, double deep pink. Vervaeneana large double rose pink. Only selected plants full of buds are raised for Christmas forcing. Price 75 cents, $1, $1.25 to $1.50 each.

Kentia Forsteriana, made up, 6-inch pots, 3 of the same size in a pot, 36 to 40 inches high, $1.25 each.

Kentia Forsteriana, made up, 5½-in., 3 of the same size in a pot, 30 inches high, 75c.

Latania borbonica, healthy stock, 5 to 6 leaves, 50 cents.

Kentia Forsteriana, made up, 5½-in., 3 of the same size in a pot, 36 inches high, $1.00.

Boston ferns, 6-inch, 2 feet high, 18, 20 to 25 fronds, 40 to 50 cents; 5 and 5½-inch pots, 25, 30 and 35 cents; large 3-inch, 15 cents; 8 to 9 inches, as big as a wash tub, $1.25 to $1.50 each.

Areca lutescens, made-up plants, large, 5-inch pots, 3 in a pot, 30 cents; 5½-inch pots, 50 cents; 6-inch pots, 30 inches high, 3 in a pot, 75 cents.

Asparagus plumosus nanus, 3-inch, strong, $6.00 per 100; 4-inch pots, bushy, at the rate of $10.00 per 100.

Cocos Weddeliana, large, 3-inch, 15 cents.

Ferns, all kinds for dishes, $5.00 per 100; 3-inch, $7.00.

Holly ferns, 3-inch, 10 cents.

Begonias, 5½-inch, President Carnot, Metallica, and others, $2.00 per dozen.

Dracaena Bruanti, 6-inch pots, 25 inches high, leaves from top to bottom, 50 cents.

Chrysanthemum stock plants. Timothy Eaton, Pennsylvania and Col. Appleton, $5.00 per 100.

Cash with order. All goods shipped at purchaser's risk.

GODFREY ASCHMANN,

Wholesale Grower and Importer of Pot Plants.

Bell Phone Tioga 3669A.

1012 Ontario Street, PHILADELPHIA, PA.

Mention The Review when you write.

GERANIUMS

Good strong stocky plants from 2¼-in. pots.

DOUBLES—Bruanti, Comtesse de Harcourt, La Favorite, Miss F. Perkins, Miss Kendell, Mme. Charrott, Mme. Barney, Mme. Buchner, Mme. Canovas, S. A. Nutt, 40c per doz., $2.00 per 100, $20.00 per 1000. Centaure, Double Genl. Grant, Gloire de France, Jean Viaud, Le Cid, Mme. Landry, 40c per doz., $2.00 per 100, $17.50 per 1000.

SINGLES—Granville, L'Auba, Queen of the West, Single General Grant, 40c per doz., $2.00 per 100, $17.50 per 1000.

Special price for this week. Not less than 250 of any one variety of the following; $15.00 per 1000; 6000 for $100.00: Double General Grant, Gloire de France, Jean Viaud, Mme. Landry, Granville, and Queen of the West.

Send for our descriptive Geranium Catalogue.

Greenhouse Plants

2¼ in stock; not less than 5 of any one variety sold.

	Per 100	1000
Ageratums, dwarf white and Stella Gurney, 40c per doz.	$2.00	
Alternanthera, red and yellow, in variety	2.00	$15.00
Alternanthera, rooted cutting	.60	5.00
Alyssum dwarf and giant double, 40c per doz.	2.00	
Aquilegia (Columbine), single mix'd.	3.00	
Coleus, good varieties	2.00	15.00
Gaillardia Grandiflora	3.00	
Hardy English Ivy	2.00	15.00
Heliotrope, good varieties	2.00	
Hibiscus, 3 varieties	3.00	
Hollyhock, double white and mixed, 3 in. pots	3 00	
Holt's Mammoth Sage	2.00	15.00
Lemon Verbena	2.50	17.50
Lantanas, 10 varieties	$2.00	$17.50
Maranta Massangeana	4.00	
Moonvines, white and blue, 50c doz.	3.00	
Rose, Marechal Niel, 3 in. pots	5.00	
Salvia, in variety	2.00	17.50
Smilax, strong	2.00	15.00
Swainsona Alba and Rosea	2.00	17.50
Sweet William double mixed	3.00	

Write us for special price on large lots of any thing in this list.

DAHLIA ROOTS

Good selection of standard varieties, $5.00 per 100; $40.00 per 1000. Mixed $4.00 per 100: $35.00 per 1000. Send for list.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh, Md.

Mention The Review when you write.

MOVED THOUSANDS QUICK.

Please discontinue our rose adv. in your paper; roses all sold. You have moved thousands for us quick.

C. AKEHURST & SON.

White Marsh, Md.

SIGN YOUR QUERIES.

The REVIEW is always glad to answer queries *that are signed* with full name. Unsigned queries cannot receive the consideration they otherwise would have.

CYCLAMEN GIGANTEUM.

Large flowering plants, in bud, 3-in., $5.00 per 100.

Asparagus Plumosus Nanus, fine plants, 3-in., $3.00 per 100; 4-in., $7.00 per 100. Genistas, 3-in., $4.00 per 100.

Carnations, unrooted cuttings. Enchantress, $2.00 per 100; Lawson, $1.00 per 100; Crane, America and F. Hill, 75c per 100.

SAMUEL WHITTON. 15-17 Gray Ave. **UTICA, N.Y.**

Mention The Review when you write.

VIOLETS MARIE LOUISE,

Clean and healthy in every particular. $5.00 per 100; $45.00 per 1000. Cash with order.

W. J. CHINNICK, TRENTON, N. J.

CHRISTMAS GEMS

We offer from our Immense stock a few choice selections.

Christmas Hampers of Chip. Ribbons decorated with Cones and Holly Twigs. Exquisite Rainbow Effects in Baskets and Pot Covers. Dainty Fern Dishes of many designs. Leaves and Wreaths of Fancy Cycas in Red, Bronze, Silver and Gold Finish. Preserved Laurel and Magnolia Wreaths. Ruscus Wreaths. Waterproof Crepe Paper, Beautiful Colors and Combinations of Colors. Send your order to-day for these and all other Novel and Standard Supplies to

H. BAYERSDORFER & CO.

THE Florists' Supply House of America.
50, 52, 54 and 56 North Fourth Street, PHILADELPHIA.

Mention The Review when you write.

MISTLETOE.

5 lbs., $1.00; 10 lbs., $1.50; 25 lbs., $2.50
SATISFACTION GUARANTEED.
Write for Special Prices on large lots.
MRS. CEO. J. STARR, Wilson, N. C.

Mention The Review when you write.

TEXAS MISTLETOE!

Absolutely the Finest on the Market.

Heavy rich green foliage, heavily berried. Mistletoe this season, owing to the long warm fall, is exceptionally fine, especially in this section of Texas. Large size box sent to any address by express on receipt of $1.00. Per barrel, well packed, $4.00. Address

Wm. Anderson,

BROWNWOOD, TEXAS.

Mention The Review when you write.

HOLLY—Well Berried.

50 lb. cases..... $3 00
2 or more cases..... per case, 2.50

WILD SMILAX.

50 lb. cases..... $3 00
30 lb. cases..... 1.50

LONG NEEDLE PINES.

Per doz..... $1.25
3 doz. lots, per doz..... 1.00

Low Express. Prompt Service.
Cash With Order.

SQUARE DEAL WILD SMILAX CO.

EVERGREEN, ALA.

Mention The Review when you write.

L. WERTHEIMBER & CO.

Dealers in

Foreign and Domestic Specialties and FLORISTS' SUPPLIES

39 Barclay Street, - NEW YORK.

Mention The Review when you write.

WE SELL BRONZE AND GREEN GALAX

Small 45c; medium 50c; large 55c per 1000. Terms, cash or satisfactory references. State how to ship; by freight or express.

J. E. HYLTON & CO., Ballard, Va.

Mention The Review when you write.

PRIZE VALLEY

Bruns' extra fine Berlin Pips for early forcing, always give satisfaction. This year's stock is better than we ever had it. **$1.25 per 100; $12.00 per 1000; $29.00, case of 2500.**

Cold Storage Valley

$15 per 1000; $1.75 per 100. Finest cut Valley for the Holidays.

H. N. Bruns

Leading Valley Grower of the West.

1409-1411 West Madison St., CHICAGO.

Mention The Review when you write.

BOUQUET GREEN

Best quality at lowest rates. We gather our own **Greens** and bring by our own boat direct.

Also **Christmas Trees.**

Northern Michigan Evergreen Nursery,

SCHOONER GEO. L. WRENN, H. Schuenemann, Capt. S. W. Cor. Clark St. Bridge. CHICAGO.

Mention The Review when you write.

Automatic Self Tying VIOLET CORDS

LION & WERTHEIMER

463-467 Broadway, New York City.

Mention The Review when you write.

A. HERRMANN,

MANUFACTURER OF FLORAL METAL DESIGNS,
IMPORTER AND DEALER IN FLORISTS' SUPPLIES.
Factory, 709 First Ave., bet. 40th and 41st Sts.
Office and Wareroomes, 404, 406, 408, 410, 412 East 34th Street, NEW YORK.
WRITE FOR NEW CATALOGUE.

Mention The Review when you write.

IF YOU feel that you need the stuff on time and uncertain where to send to, write, wire or phone to us for

Fancy Holly, Wreathing, Mistletoe, etc.

We are prepared for a brisk demand. Our prices are always consistent with best quality. NO EXTRA CHARGE FOR EXTRA CARE.

W. W. Barnard & Co.

SEEDSMEN,

161-163 Kinzie St. CHICAGO

Mention The Review when you write.

BOSTON FERNS, 2½, 3, 4, 5, 6, 7, 8 and 10 inch.
PIERSONI, 2½, 5, 6 and 7 inch.
SCOTTII, 4, 5 and 6 inch.
PLUMOSUS, 2½, 3, 4 and 5 inch.
SPRENGERI, 2½, 3 and 4 inch.

A few nice Rex and Blooming Begonias.

Let us know your wants for Christmas in cut flowers, we shall have **Roses, Carnations, Paper White Narcissus and Roman Hyacinths.** Write

GEO. A. KUHL,

PEKIN, ILL.

Mention The Review when you write.

GREEN AND BRONZE

Galax Leaves

Fresh gathered, $3.00 for case of 5000.
Cash with order.

HALL & JONES COMPANY,

BLOWING ROCK, N. C.

Mention The Review when you write.

Established 1881.

C. S. FORD,

1417 COLUMBIA AVE., **PHILADELPHIA, PA.**

LETTERING and NOVELTIES IN IMMORTELLES, etc.

Representing A. Herrmann. Siebrecht & Son, L. H. Foster, D. B. Long.

CORRESPONDENCE SOLICITED.

Mention The Review when you write.

Fred Burki

is the ideal Commercial White Carnation.

Its freedom of bloom coupled with its other meritorious qualities will commend it to the most conservative growers. You will make no mistake by growing **FRED BURKI.**

$12.00 per 100; $100.00 per 1000; 250 at 1000 rate.

JOHN MURCHIE,
SHARON, PA.

S. S. SKIDELSKY,
824 No. 24th St., Philadelphia.

WRITE FOR DESCRIPTIVE CIRCULAR.

Mention The Review when you write.

LOUISVILLE, KY.

The Nanz & Neuner establishment at St. Mathews, Ky., is five miles from the city on the Shelbyville Pike. It is well worth to make a trip out to see the large area of glass, consisting of sixty greenhouses for plants and cut flowers. I had the luck to meet the foreman, Theo. Strochaker, who showed me through the different departments, and found everything in fine tip top shape. One house of white and pink bouvardia was very fine. One house containing the old Marechal Niel roses will yield a fine crop for Christmas. Three houses were planted to chrysanthemums, but were well cleaned up with the exception of some fine Yanoma. Four houses are in carnations. The varieties grown are Joost, Enchantress, Hill and Prosperity. One 228-foot house is planted to American Beauties, doing nicely. Mr. Rennison has charge of this department. A bench of Golden Gate is looking healthy and filled with buds. One house contained a bench of good old Perle des Jardins which were in fine shape. The firm has gone to a considerable expense this season remodeling the houses. All the latest improvements have been added.

C. W. Reimers' place, at Crescent Hill, was visited and found the proprietor not at home but I had the good luck of receiving the glad hand of the foreman, A. J. Koenig, who took me through the different houses. The first four houses, 115 feet long, were planted to American Beauties. The growth is wonderful; they can cut some with stems six feet long. Their house of Gates is in fine shape. One house containing two benches, one of Bride and the other of Bridesmaid, was a sight to look over; nothing but buds, and will yield a big crop for Christmas. A bench of heliotrope was also in fine shape for Christmas. Three houses were planted to poinsettias, fine foliage and very fine large crowns, all ready for the holiday trade. One house of carnations contained some 5,000 Lawsons, which were covered with buds, healthy growth and long stems. His Enchantress is hard to beat. I saw some very fine blooms of Flamingo, also some fine blooms of White Lawson could be seen here. The pink chrysanthemum, Dr. Enguehard, was very good. Violets are grown here in large quantities.

HY. LICHTEFELD.

STREATOR, ILL.—The W. C. Hill Floral Co. has been incorporated with a capital stock of $6,000. The incorporators are W. C. Hill, Cass Sherman and F. R. Thornton.

DIXON, ILL.—Business has been very good, some large funerals contributing their share. O. L. Baird's place is in fine shape. During the summer he raised his stack, covered the boiler and made the heating apparatus perfect.

Palmer's Red Lawson

NOW READY!

SPORT FROM THE FAMOUS
MRS. THOMAS LAWSON
Planted May 18th, in full crop middle of August

ROOTED CUTTINGS:
$10.00 per 100
$40.00 per 500
$75.00 per 1000

Ask your *Brother Florist* if he saw it at the Detroit Carnation Show. Ten to one he will say it's a good carnation to grow. **Received CERTIFICATE OF MERIT at Detroit Carnation Show—scoring 87 pts.**

W. J. Palmer & Son
Lancaster, N. Y.

Mention The Review when you write.

The Cardinal

Absolutely the Best Scarlet Carnation to be introduced this season.

ROOTED CUTTINGS Ready JANUARY 1, 1905

Orders booked now by
CHICAGO CARNATION CO., Joliet, Ill.
E. G. HILL CO., Richmond, Ind.
S. S. SKIDELSKY, 824 N. 24th St., Philadelphia, Pa.

Mention The Review when you write.

The New Snow Flake Chiffons

LION & WERTHEIMER
463-467 Broadway, New York City.
Mention The Review when you write.

Strong Rooted Carnation Cuttings

	Per 1000		Per 1000
Enchantress	$30 00	Adonis	$25.00
Lord	10.00	Flamingo	50.00
Angel	10 00	Estelle	15 00
Lawson	10.00	Bradt	10.00
Lady Bountiful	40.00	Mrs. M. A. Patten	40 00
Gov. Wolcott	10 00	Peru	10.00
Flora Hill	10.00	Queen Louise	8.00
Boston Market	20.00	Cash or C. O. D.	

SOL. GARLAND, Des Plaines, Ill.
Mention The Review when you write.

Primula Chinensis and Obconica

nice strong plants, in bud and bloom, $10 per 100.

CYCLAMEN, fine plants in bud and bloom, $3.00 per dozen.

CINERARIAS, in blossom, $1.80 per doz.

CARL MEIER, Florist, Green Bay, Wis.
Mention The Review when you write.

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.
CARNATIONS OUR SPECIALTY

Mention The Review when you write.

WM. DUCKHAM

Extra fine strong clumps, $1 per doz.
ALICE BYRON, $1 per doz.

CARNATIONS—Rooted Cuttings

White Lawson	$6.00 per 100;	$50.00 per 1000	
Flamingo	5 00 "	40.00	"
Enchantress	3 50 "	30.00	"
The Queen	3 00 "	25.00	"
Fair Maid	3 00 "	25 00	"

Larchmont Nurseries, Larchmont, N. Y.
Mention The Review when you write.

50,000 CANNAS!

Forty leading varieties. $10.00 per 1000 and upwards. Write for list and prices.

THE DINGEE & CONARD CO., West Grove, Pa.
Mention The Review when you write.

Nephrolepis PIERSONI ELEGANTISSIMA

THE BEST RECORD OF ANY NEW INTRODUCTION.

THE MUCH COVETED $50 PRIZE FROM THE HORTICULTURAL SOCIETY OF NEW YORK For the BEST NEW PLANT of the Year



Gold Medal World's Fair

SHAW GOLD MEDAL
Louisiana Purchase Exposition.

GOLD MEDAL
Pennsylvania Horticultural Society.

GOLD MEDAL
Rhode Island Horticultural Society.

GOLD MEDAL
New Orleans Horticultural Society.

SILVER MEDAL
Society of American Florists.
(Highest Award)

SILVER MEDAL
Massachusetts Horticultural Society.

SILVER MEDAL
New York Florists' Club—Highest Award.

SILVER MEDAL
American Institute, New York.
(Highest Award)

SILVER MEDAL
Newport Horticultural Society.
(Highest Award)

SILVER MEDAL
Tarrytown Horticultural Society.
(Highest Award)

And Numerous Diplomas and Certificates of Merit.

The beauty and value of this new fern to be introduced Spring of 1905, can best be appreciated by seeing it. It is a sport from the Pierson Fern (Nephrolepis Piersoni), but it is very much more beautiful and of greater commercial value. It is as different from the Pierson Fern as that is from the Boston. The small side pinnae are again subdivided, producing an exquisite and beautiful effect, changing the entire character of the fronds, which measure less than half the length and about twice the breadth of the fronds of the Pierson Fern. The fronds also assume an entirely different form, the side pinnae standing at right angles to the mid-rib of the frond, on edge rather than flat, as is usual, making both sides of the frond equally beautiful—entirely different from any other fern.

The plant is very dwarf, only about half the height of the Pierson Fern, and of very much more compact habit. Taking it altogether, it makes one of the most exquisite plants and one of the most valuable for table and house decoration that has ever been introduced. The cut fronds, on account of their beauty, will be in great demand for table decoration, design work, and for use in boxes of loose flowers. Well-grown plants make most magnificent specimens. We think there is nothing in the fern line that is so handsome as this beautiful fern when well grown. It is a wonderful improvement over Nephrolepis Piersoni in every respect, both in regard to beauty and habit of growth.

PRICES—2¼-inch pots, $9 per doz.; 50 plants at 60c each, 100 at 50c each, 500 at 45c each, 1000 at 40c each. Large Plants Ready for Immediate Use—5-in. pots, $18 per doz.; 6-in. pots, $24 per doz.; 8-in. pots, $36 per doz.; 10-in. pots, $60 per doz.

F. R. PIERSON CO.

TARRYTOWN-ON-HUDSON, NEW YORK

The Wells & Co.'s Gold Medal Chrysanthemum Novelties for 1905

Should be ordered early, either direct or through the Trade Growers who handle them.
We cannot send cheap varieties or small orders by sample post.

E. J. BROOKS, Jap. inc., purple crimson.
HETTY WEDGE, Jap. inc., bronzy red.
MARY ANN POCKETT, Jap. inc., Indian red, buff reverse.
MERSTHAM CRIMSON, Jap., deepest crimson.
MISS MAY SEDDON, Jap., pure white.
MRS. D. WILLIS JAMES, Jap. inc., chestnut terracotta.
MRS. F. F. THOMPSON, Jap. inc., white, shaded blush.
MRS. G. HEAUME, Jap., salmon buff.
MRS. H. PARTRIDGE, crimson.
MRS. JOHN E. DUNNE, Jap., salmon terracotta.
MRS. R. E. MASON, Jap., deep Indian red.
MRS. W. KNOX, Jap. deep yellow shaded rosy bronze.
ROLINDA K. HARDING, Jap., salmon bronze.
T. RICHARDSON, Jap., blush.
W. WELLS, Jap., pure white.
MRS. G. DENYER, inc., silvery pink.
MISS DOROTHY OLIVER, Jap., white, shaded violet.
GOTHLAND BEAUTY, Jap., white, shaded blush.
MRS. GEO. BEECH, yellow, sport from Mrs. Swinburne.

THIS IS THE GRANDEST SET WE HAVE EVER OFFERED.

For further particulars, send for Novelty List with Sheet of Plates, from

W. WELLS & CO., EARLSWOOD, SURREY, ENGLAND.

Leading American Growers will Supply the 1904 Set of Novelties.

Mention The Review when you write.

Chrysanthemum Novelties

We are headquarters for the best new varieties. Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Mileham, Lady Cranston, A. J. Miller, Mrs. D V. West, etc., etc. Complete list now ready. Send for a copy.

CHARLES H. TOTTY, MADISON, N. J.

Mention The Review when you write.

ROCHESTER, N. Y.

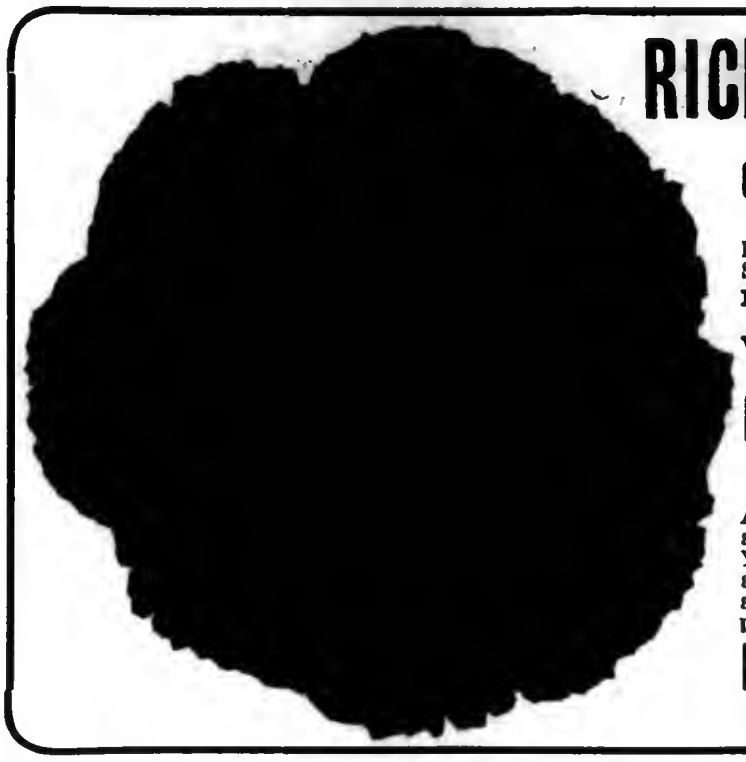
I recently took a trip around to see how different varieties of carnations were behaving with the growers here. In red, Flamingo and Adonis have not proven very satisfactory, but Crusader is making a little better showing and the color is much more desirable. With one grower I found Crane ahead of any I have seen, but most of the growers had to strike it off the list, and they are patiently waiting for a good red. In dark pink, I found Lawson better than ever with some growers, nothing but bud and bloom, with Nelson Fisher behaving nicely, but I did not find any grower ready to discard the former for the latter. In white, Peru and Queen seem to be in the lead. For profit, Queen was well named, as it is ahead of anything here at present. Peru will give just as many or more flowers, but the former is much more full and of better stem. In light pink I found a few of the growers growing Morning Glory, but this will be its last season, as Enchantress will give just as many or more flowers and bring more than twice the price. One grower has already averaged five to the plant of that variety and still the plants are a sight. H. M.

Herewith is another dollar for the Review; it is much too good a paper to drop.—John T. Temple, Davenport, Ia.

Write For Samples.

LION & WERTHEIMER
463-467 Broadway, New York City.

Mention The Review when you write.



RICHMOND GEM

THE FINEST COMMERCIAL SCARLET Ever Introduced.

PLACE YOUR ORDERS EARLY.
SEND FOR CIRCULAR.
Per 100, $10; per 1000, $75.

WE MUST HAVE ROOM!
The following stock plants of

Mums For Sale

at a Bargain:

Wm. Duckham, Dr. Enguehard, A. J. Balfour, Alice Byron, white and yellow Golden Chadwick, Yellow Eaton, Appleton, Omega and Marion Newell, large clumps and in good health. Write for prices.

B. K. & B. FLORAL CO.
RICHMOND, IND.

Mention The Review when you write.

RED SPORT (Of Maceo.)

This new "Bread and Butter" commercial brilliant "Crane" Red Carnation, now in its fourth year, has the hardy constitution of General Maceo, with a stronger heavier growth, longer and stiffer stem and a larger flower. Growing under the same conditions and in the same house with Flamingo and Estelle it has produced four times as many blooms as the former and twice as many blooms as the latter. The color is as good as Estelle and the bloom brings as much as does Estelle at its best. Every flower is of a uniform brilliant red, perfectly double with an ideal calyx, in fact we never saw a split one.

Red Sport is perfectly healthy, an easy variety to grow, an early and continuous bloomer, throwing its heaviest cuts around the Christmas holidays and during the Winter months when red is in demand. **Red Sport** will keep longer and travel farther than any other red carnation, and will prove a bonanza to the grower who does a shipping business. If the scarcity of reds in the market that now exists continues **Red Sport** will pay better to the square foot of bench than any other variety of any color to date. Every florist who has seen **Red Sport** growing has placed an order for rooted cuttings, which tells the tale. All our stock is sold up to January 25th. Orders filled in strict rotation from that date on. Price, 12 for $1.50, 25 for $2.50, 50 for $4.00 all post paid. $6.00 per 100, $50.00 per 1000, by express. We guarantee all cuttings to be well rooted and to arrive in good condition.

A. B. DAVIS & SON, Carnation Specialists, PURCELLVILLE, VA.

Mention The Review when you write.

WHAT WE CLAIM FOR OUR NEW RED ROSE

RICHMOND

That It is the Best Red Forcing Variety yet Produced.

1st. It is of strong and rapid growth, more vigorous than any other forcing variety in commerce.

2nd. It comes to perfection without special care or culture and can be grown in the same soil and temperature and with the same treatment given to Bride and Maid.

3rd. It ships perfectly, as it can be cut very tight and develops as well off as on the bush.

4th. Has very near the same tone of color as Liberty, with more scarlet and does not blue with age.

5th. This variety is nearly a pure tea, being seeded from LADY BATTERSEA, fertilized by LIBERTY, and as a result has shown no tendency toward going dormant in mid-winter, at which time the variety is at its very best.

6th. Produces freely throughout the year, long pointed buds on tall straight stems with elegant dark foliage.

7th. Is as easy to root, and grafts as readily as Bride or Maid.

8th. Has as delicious a fragrance as American Beauty.

Was awarded the silver cup at the World's Fair for best seedling rose and a special silver cup at Chicago for best seedling. Prices, own root—100 plants for $30; 250 for $70; 1000 for $250. 500 at 1000 rate.

ROSALIND ORR ENGLISH

OUR PINK SEEDLING from Mme. Chatenay is unapproached in color; the bud is pointed, quite full, borne on long slender stems, beautifully set with foliage, free in growth and bloom; the flower is very beautiful from its earliest bud form till fully expanded. Was awarded certificate of merit at the Chicago Show; $25 00 per 100, $200 per 1000. **Both these Varieties are easy to propagate and easy to grow. Come and see them at home.**

CARNATIONS

The best big-flowered, general-purpose Scarlet Carnation now before the trade is **CARDINAL**, color superb, texture perfect, in vigorous health and of splendid habit. Also FIANCEE and F. BURKI. All three at $12 00 per hundred, $100 per thousand.

CHRYSANTHEMUMS

Among the new varieties which we had on trial for this year are some magnificent sorts, nine of which have been awarded certificates, viz.: **Clementine Touset**, the big early white Chadwick, October 8: **Dr. Galloway**, mid-season incurving white; **Mlle. Jeannie Nonin**, very late white, winner of the Sweepstakes and Silver Cup at Chicago as best New Mum of the year. These three sorts are marvelously fine commercial varieties in pure white, NONIN probably ranking as the finest Mum extant, regardless of date of blooming. Besides these are: **Reveil de Begles**, early commercial yellow; **Roi d' Italie**, early commercial yellow; **Anna Debono, Mme. E. Lemoine, Prefet Boncourt, Souv. d' Calvat Pere**, four grand exhibition whites. Besides these we have: **The Wells-Pockett Set** for 1905; **The Australians** of the year; **The Marquis of Pins Set, M. Calvat's Fine Sorts**, the best of **Nonin's, Bruant's and Rozain's.**

All at 50c each; $5.00 per doz.; $35.00 per 100, except Mrs. Wm. Duckham, which is 75c each; $7.50 per doz.; $50.00 per 100

SEND FOR NOVEMBER TRADE LIST.

The E. G. HILL CO., Richmond, Ind.

SPECIAL SALE

CHRYSANTHEMUM STOCK PLANTS.

Australie, A. J. Balfour, Alice Byron, Minnie Bailey, Bentley, Chadwick, Convention Hall, Col. Powell, Lucy Deveau, Eaton, Yellow Eaton, Robt. Halliday, Marie Liger, Mrs. Coombes, Mrs. Emmerton, Mrs. Chamberlain, Mrs. Thirkell, Mrs. Pockett, Mrs. Tranter, Mme. Herrewege, Mme. Nicollaud, Mme. Paola Radaelli, Millicent Richardson, Mounier, Golden Wedding, R. E. Richardson F. S. Vallis, Yanariva, **7c each.**

S. T. Wright, F. A. Cobbold, Mildred Ware, Mrs. Buckbee, Lily Mountford, Percy Plumridge, F. Molyneux, **15c each.**

Wm. Duckham Leila Filkins Ben Wells, Maynell, W. R. Church, Mrs. F. S. Vallis, **25c each.**

ASPARAGUS SPRENGERI

strong 2¼x3¼, $2.00 per 100.

Any number of plants at these figures but no order filled for less than $2.00.

W. A. CHALFANT, SPRINGFIELD, MO.

Mention The Review when you write

WHITE SATIN TIES

Embellished with Violets.

LION & WERTHEIMER

463-467 Broadway, New York City.

Mention The Review when you write.

Write Geo. A. Kuhl

PEKIN, ILL.

For Price List of Rooted Cuttings and 2x2½-in. Roses in following varieties:

Brides, Maids, Golden Gate, Ivory, Meteors, Souv. de Wootton, Kaiserin Aug. Vic., Perle des Jardins, Belle Siebrecht, LaFrance, President Carnot, Gen. MacArthur, La Detroit Am. Beauties.

Mention The Review when you write.

B. & A. SPECIALTIES

AZALEAS

Christmas or Easter Blooming.

Deutsche Perle, white; **Simon Mardner**, red; **Vervæneana**, pink. In addition to the following: **Van der Cruyssen, Vervæneana, Prof. Wolters. Niobe, Bernhard Andreas Alba, Empress of India, Schryveriana, Emperor of Brazil. Chicago.**

	Per 12	Per 100
10-12 in. diam	$4 00	$35 00
12-14 "	6 00	45 00
14-15 "	7.50	60 00
15-16 "	9.00	75 00
16 18 "	12.00	90 00
18 20 "	25 00	200 00
20-24 "	36 00	300.00

BOXWOOD, Pyramidal, handsome specimens.

	Each
15-18 in.	$0 50
18-24 in.	.75
2 ft.	1 00
2½ ft.	1.50
3 ft.	2.00
3½ ft.	2 50
4 ft.	3.50
5 ft.	4.00

5-6 ft. high, nicely shaped, per pair, $10 00 to $15 00.

For Window Boxes, bushy plants, 25 cts., 35 cts., 50 cts., 65 cts and 75 cts. each.

Acacia Armata, or Paradoxa pot-grown and well budded, 18-24 in., per 12, $10.00; 2-3 ft., extra fine, per 12, $12.50.

SINGLE TUBEROUS ROOTED BEGONIAS.

5 colors separate, 1st size	$3.00 per 100
5 " " 2d "	2.00 "

CALLAS

Fine Blooming Size, $4 50 per 100; Selected Size, $6.50 per 100; Mammoth Size, $8.50 per 100.

Pot Grown

	Per 100
Deutzia Gracilis	$15.00
Deutzia Lemoinei	18.00

Pot-Grown Shrubs for Forcing

The following are all handsome, bushy, well-grown plants, well budded, and will prove a profitable investment to any one.

Plants are all 2½-3½ ft.	Per 12
Acer Negundo variegata	$6.50
Azalea Mollis, 12-15 in.	4.50
" " 15-18 in.	6 50
Cratægus Pauli	9.00
Cherries, double flowering	7.50
Deutzia Gracilis	2 00
" **Lemoinei**	2.50
Lilac, Charles X. blue; Marie Le Graye, white; Lemoine, double white	9.00
Malus Floribunda	9.00
Staphylea Colchica	6.00
Viburnum Opulus	6 00
" **Plicatum**	6 00
Weigelia Eva Rathke	7 50

STANDARDS.

Lilac, in variety	12.00
Viburnum Opulus	12.00
Wistarias	18 00
Japanese Maples, red and gold leaf variety	12.00
Spiræa Japonica. Compacta and Astilboides, $5.00 per 100.	

Dielytra Spectabilis (Bleeding Heart), strong clumps for forcing, $6.00 per 100.

ROSES

Maman Cochet, strong, 2 yr., white and pink, $12.00 per 100.

PEONIES

	Per 12	Per 100
Officinalis rubra plena	$1.00	$8 00
" **alba** "	2.00	15 00
" **rosea** "	1.50	12.00

Chinensis, 50 in 50 varieties, $15 00 per collection. White, red, pink, good named varieties in equal quantities, $8.00 per 100.

Aborea (Tree Peony), in variety, $9.00 and $12.00 per 12.

See Catalogue for PALMS, BAY TREES, EVERGREENS, SHRUBS, ORNAMENTAL TREES, and other Stock.

BOBBINK & ATKINS, Rutherford, N. J.

BOSTON AND PIERSON FERNS.

We have about ten thousand feet of glass devoted to these and are crowded for room. To move our surplus we will give you extra value. Send for a sample lot. They are in from 6 to 10-inch pots and we will sell them at $6.00, $8.00, $9.00, $12.00, $15.00 and $18.00 per dozen.

FARFUGIUM GRANDE.

Our stock is finely variegated and in tip top shape. Price, 4-inch pots very bushy, $15.00 per 100; 5-inch pots extra fine; $20.00 per 100.

CANNAS. We have a very large stock of what we believe to be the best varieties in the market to-day and are prepared now to deliver dry roots or to grow on young plants. Let us know what you would like and we will make you prices on whatever quantities you will designate on the below named varieties.

Alsace.	Chas. Henderson.	Explorateur Crampbel.	Jean Tissot.	Partenope.	Queen Charlotte.
Beaute Poitevine.	Chatauqua.	Florence Vaughan.	Kate Gray.	Paul Marquant.	Queen of Holland.
Black Beauty.	David Harum.	George Washington.	Louise.	Pennsylvania.	Souv. d'Antoine Crozy.
Brandywine.	Duke of York.	Gladiator.	Madam Crozy.	Philadelphia.	Triumph.
Burbank.	Eastern Beauty.	H. Wendlandt.	Metalica.	Pillar of Fire.	West Grove.
Buttercup.	Evolution.	J. D. Cabos.	Niagara.		

Special. Watch this list every week. We will offer the surplus from one house each week, at prices which ought to sell it. It will be offered only once. Something else next week. Price subject to stock being unsold. All first-class, in good condition, unless otherwise noted. Terms, "Prompt Cash."

Address MICHEL PLANT and BULB CO., St. Louis, Mo.

Mention The Review when you write.

KALAMAZOO, MICH.

G. Van Bochove & Bro. have decided to practically double their plant and have already begun to make arrangements for doing so. They have bought thirty acres of land on the old Miller place, out Portage street, near the city limits, and intend to build there at once. The new plant will consist of six or seven greenhouses, each 28x300 feet. They will have a total of about 75,000 square feet of glass. The greenhouses will be of the best and most improved pattern, with all the latest improvements. All the posts, gutters and fittings will be of iron, and all the houses will be heated by steam. A cement boiler room will be constructed, with two boilers, each of 150 horse-power. Another boiler of the same size may be put in later. All the material will come from Chicago. The new range will be devoted to American Beauties, Brides and Maids. As fast as possible the old plant will be removed in the new location, thereby avoiding trouble with high water.

Garrett and John R. Van Bochove began as florists in Kalamazoo about twenty years ago. They had been in the celery business before that. Their first plant consisted of two small houses, with not more than 5,000 feet of glass in the two of them, and the brothers did all the work. Now their houses have about 70,000 feet of glass, with eighteen men employed regularly, and the plant and force will be doubled in less than a year. This will make the Van Bochove plant one of the largest in Michigan.

TRINIDAD, COLO.—The Trinidad Floral Co., W. E. Hogan proprietor, is successor to George E. Paget.

Gauze Ribbons
IN GREAT VARIETY.
All weaves and shades.
LION & WERTHEIMER
463-467 Broadway, New York City.

Mention The Review when you write.

IN A HURRY

Farmington, Conn.—The FUMIGATING POWDER does good work; please ship quick 100 lbs. See page 234.

H. CHESNEY.

Mention The Review when you write.

CHRYSANTHEMUMS!

Our Set for 1905 Consists of

Brighthurst, Okolona, Kinkora Fidelity and Pink Queen

All varieties that will be heard from in the future. Look up past records of our introductions. They are not **ALL**, but persistently forge to the front and compare favorably with **THE BEST** and often **LEAD**, as Midge, Monrovia, Omega, Opah, Merza, Modesto, Convention Hall, Gold Mine, Intensity, Lavender Queen, White Bonnaffon, Yanoma, etc., etc. We can supply

ALL THE LEADING FOREIGN NOVELTIES

Such as: MRS. WM. DUCKHAM, MERSTHAM YELLOW, VALERIE GREENHAM, J. H. DOYLE, MRS. H. A. ALLEN, MLLE. ANNE DEBONO, PREFET BONCOURT, JEANNIE NONIN, etc., at introducer's price and date of delivery. **Send for Illustrated Novelty List.** Catalogue for 1905 ready early in January.

Nathan Smith & Son, Adrain, Mich.

Mention The Review when you write.

Dahlias, Awarded 10 Gold Medals in 1903 and 12 Gold Medals in 1904. **Pot Roots,** Awarded the Silver Medal by the International Jury at the St. Louis Exposition.

POT ROOTS FOR SHIPMENT AT ONCE Every section, including the popular CACTUS DAHLIAS at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 per 100. These are post free terms. Note this when comparing prices. **Terms cash with order.**

TEMPTING BARGAINS Those who prefer to have their goods through a forwarding house instead of by parcel post can be supplied in every section, including Cactus at $4.00, $5.00 and $6.00 per 100 in 25 sorts.

12 SEEDLING CACTUS DAHLIAS All 1903 sorts and certificated by the Dahlia Societies in England; post free for $2.50; Albion, Etna, Eva, Iceberg, John Gilpin, Mabel Tullock, Winsome, Amos Perry, Fred Cobbold, F. H. Chapman, Loogalu and Red Cap.

1904 SEEDLING CACTUS DAHLIAS A rare opportunity; only a few to offer at $1.25 each, post free in quantities of not less than 4 sorts. Dainty, Dorothy Vernon, Effective, Northern Star, Sweet Nell., Yellow Gem, F. M. Stredwick, Mrs. Brousson, Mrs. Wilkinson, Oliver Twist, Hereward, Comet, Osprey, Sirius and Rainbow. One each of these 16 novelties post free for $16.00. **Terms cash with order.**

HOBBIES LIMITED Catalogue free of charge. **NORFOLK NURSERIES** **DEREHAM, ENG.**

Mention The Review when you write.

..PRIZE WINNERS..

AND A FEW OTHER GOOD THINGS WE HAVE TO OFFER.

THE TWO GRAND NEW WHITE

CHRYSANTHEMUMS

MAJESTIC AND **ADELIA**

90 POINTS. SCORE COMMERCIALLY. 89 POINTS.

ROOTED CUTTINGS { $ 3.00 per Doz. / 15.00 per 100 / 125.00 per 1000 } From 2-inch pots, 5c Additional.

MAJESTIC won First Prize for best one hundred White at the great World's Fair Flower Show. ADELIA capable of doing the same trick in the same company.

MADONNA A Fine Pink at Same Prices.

CARNATIONS

WHITE LAWSON AND FLAMINGO

Rooted Cuttings, $7.00 per 100; $60.00 per 1000.

Our WHITE LAWSON won First Prize for best one hundred blooms at the great World's Fair Show.

Our FLAMINGO won First Prize for best one hundred Scarlet.

LADY BOUNTIFUL, NELSON FISHER, CRUSADER, $6.00 per 100; $50.00 per 1000.

THE FINE NEW PINK ROSE

"LA DETROIT"

Field-grown strong plants for immediate delivery—

$15.00 per 100; $125.00 per 1000

"SNAPDRAGON" OUR GIANT PINK.

A Fine White and a Grand Yellow. From 2-inch pots—

$6.00 per 100; $50.00 per 1000.

EARLY DELIVERY. ALL ORDERS BOOKED AND FILLED IN ROTATION.

JOHN BREITMEYER'S SONS, Detroit, Mich.

DREER'S SPECIAL OFFER OF DECORATIVE PLANTS FOR THE HOLIDAYS.

Our stock of Decorative Plants suitable for the Holiday Trade is in fine condition, clean, vigorous, healthy stock of good color which will sell on sight.

PALMS! PALMS! PALMS! PALMS!

ARECA LUTESCENS.

	In. high	Per doz.	Per 100	Per 1000
2-in. pots, 1 plant in pot,	6 to 8	$ .75	$6.00	$50.00
3-in. pots, 2 plants in pot,	12 to 15	1.00	8 00	75.00
4-in. pots, 2 to 3 plants in pot,	15 to 18	3.00	20 00	190.00
5-in. pots, 3 plants in pot,	18 to 20	5 00	40 00	350.00
6-in. pots, 3 plants in pot,	24 to 28	9.00	75.00	
10-in. pots, very bushy.	48 to 54	4.00		

CALAMUS INTERMEDIUS.

A tropical species with finely feathered, dark green foliage, 6-in pots, 24 in. high, $1.50 each.

COCOS WEDDELLIANA.

3-in. pots, 6 to 8 in. high..... $1.25 per doz.; $10.00 per 100
3-in. pots, 10 to 12 in. high..... 2 00 " 15.00 "
4-in. pots, 15 to 18 in. high..... 4.00 " 30.00 "
Specimen plants in 5-in. pots, about 18 in. high, 75 cents each.

KENTIA FORSTERIANA.

	Per doz.	Per 100	Per 1000
2¼-in. pots, 4 leaves 8 to 10 in. high	$1.25	$10.00	$90.00
3-in. pots, 5 leaves, 12 to 15 in high	2.00	15.00	140.00
4-in. pots, 5 to 6 leaves. 15 in. high	4.00	30.00	
5-in. pots. 5 to 6 leaves. 18 in. high	6.00	50.00	
6-in. pots. 6 leaves, 28 to 30 in. high	$1.00 each		
6-in. pots. 6 leaves. 30 to 32 in. high	1.25 each		
6-in. pots. 6 leaves, 32 to 36 in. high	1.50 each		
8-in. pots, 6 to 7 leaves, 4½ feet high	5 00 each		
9-in. pots, 6 to 7 leaves. 5 to 5½ feet high	6.00 each		
10-in. pots, 6 to 7 leaves, 5½ to 6 feet high	7.50 each		
10-in. pots. 6 to 7 leaves, 6 feet high	10.00 each		
12-in. tubs, 6 to 7 leaves, 6½ feet high	12 50 each		
12-in. tubs, 6 to 7 leaves, 7 to 8 feet high	25.00 each		

KENTIA BELMOREANA.

	Per doz.	Per 100	Per 1000
2¼-in. pots, 4 leaves, 8 to 10 in. high	$1.25	$10.00	$90.00
3-in. pots, 5 leaves, 12 to 15 in. high	2.00	15 00	140.00
4-in. pots, 5 to 6 leaves. 15 to 18 in. high	4.50	35 00	325.00
5-in. pots, 5 to 6 leaves, 20 to 22 in. high	9.00	75.00	
6-in. pots 6 leaves, 28 to 30 in. high	$1.25 each		
6-in. pots, 6 to 7 leaves, 30 to 36 in. high	1.50 each		

MADE UP KENTIA FORSTERIANA.

The made up plants are all of exceptional good value, and will be found especially useful for decorative work in the sizes above 5-in. pots.

8-in. pots, 3 plants in a pot 10 to 12 in. high....$2.00 per doz.: $15 00 per 100
4-in pots, 3 plants in a pot. 15 to 18 in. high..... 4.50 " 35.00 "
5-in. pots, 3 to 4 plants in pot, 18 in. high..... 7.50 " 60.00 "
8-in tubs. 3 plants in tub, 4 to 4½ ft. high..... $5.00 each
9-in. tubs, 3 plants in a tub, 5 to 5½ feet high..... 6.50 each
9-in. tubs, 3 plants in a tub, 5½ to 6 ft. high..... 7.50 each
10-in. tubs, 3 in a tub, 6½ to 7 ft high..... 12 50 each
12-in. tubs, 3 to 4 in a tub 6½ to 7 ft. high..... 15.00 each
12-in. tubs, 3 to 4 in a tub 7 to 8 ft. high..... 20.00 each

MADE UP KENTIA BELMOREANA.

We have about two hundred plants in 12-inch pots, three to four plants in a pot, very bushy shapely plants from 4½ to 5 feet high, not perfect in some of the foliage, at the same time not badly damaged. We are selling these at $10.00 each, at which price they are one of the best bargains we have ever offered in decorative stock.

KENTIA SANDERIANA.

A very nice lot of this beautiful palm.

Fine plants in 5-in. pots. 18 in. high..... $1.25 each
Fine plants, in 6-in. pots, 24 in. high..... 1.50 each
Fine plants, in 7-in. pots, 36 in. high..... 3.00 each

LATANIA BORBONICA.

A large stock and best values we have ever given in this palm.

	Per doz.	Per 100
3-in. pots, 5 to 6 leaves, 12 to 15 in. high	$1.00	$ 8.00
4-in. pots, 5 to 6 leaves, 15 in. high	2.50	20.00
6-in. pots, 5 to 6 leaves, 18 to 20 in. high	6.00	50.00
7-in. pots, 6 to 7 leaves, 20 to 24 in. high	9.00	70.00
8-in. pots, 7 to 8 leaves, 20 to 24 in. high, fine plants	$1.00 each	
8-in. pots, 8 to 9 leaves, 24 to 28 in. high, fine plants	2.00 each	

PHOENIX CANARIENSIS.

Good decorative plants, in tubs. 8½ to 4 ft. high..... $6.00 each
Good decorative plants, in tubs, 4 to 4½ ft. high..... 7.50 each

PHOENIX RUPICOLA.

A fine lot of specimens in 6-in. pots, about 2 ft. high, at..... $1.50 each

RHAPIS FLABELLIFORMIS.

7-in. pots, 36 in. high, with one or two small side shoots..... $2.00 each

MISCELLANEOUS DECORATIVE PLANTS.

ASPIDISTRA LURIDA.

Strong plants of the green leaved variety. 5-in. pots, 8 to 10 leaves, 50c each, $5.00 per doz., $40 00 per hundred.

AUCUBA JAPONICA.

Exceptional values in this hardy decorative plant.

Very bushy plants, 12 to 15 in. high..... 30c each; $3.00 per doz.
Very bushy plants, 18 to 20 in. high..... 40c each; 4.50 per doz.
Very bushy plants, 24 in. high..... 60c each; 7.00 per doz.
Very bushy plants, 3 ft. high..... $3.00 each

BOX TREES—STANDARD OR TREE SHAPED.

Stems 15 in. high, crowns 18 in. in diameter..... $1.25 each
Stems 36 in. high, crowns 18 in. in diameter..... 2.00 each

BOX TREES—PYRAMID SHAPED.

Shapely plants, 3 ft. high, 18 in. in diameter..... $2.00 each
Shapely plants, 4 ft. high, 24 in. in diameter..... 3.50 each

BAY TREES—LAURUS NOBILIS.

Standard or Tree shaped, all with stems 42-45 ins. high.

Crowns 24 to 26 in. in diameter..... $ 6.00 each
Crowns, 26 to 28 in. in diameter..... 7.50 each
Crowns, 30 to 32 in. in diameter..... 10.00 each
Crowns, 38 to 40 in. in diameter..... 15.00 each

DWARF STANDARD BAY TREES.

Very attractive, stems from 1½ to 2 ft. high with bushy crowns 24 to 26 in. in diameter, $7.50 each.

ADIANTUM FARLEYENSE.

5-in. pots, nicely furnished..... $9.00 per doz.

IMPERIAL STANDARD BAYS.

An entirely new form. These are really pyramids grown on a stem like an ordinary Standard. The stems are about 42 in. high, the pyramidal crown is 4 ft. high and from 34 to 36 in. in diameter at base, $15.00 each.

PYRAMIDAL SHAPED BAYS.

4½ ft. high, 24 in. in diameter at base..... $ 6.00 each
5 ft. high, 26 to 28 in. in diameter at base..... 7.50 each
6 ft. high, 30 in in diameter at base..... 10.00 each
6 to 7 ft. high, 36 in. in diameter at base..... 15.00 each

CIBOTIUM SCHIEDEI.

Good plants in 7-in. pots..... $2.00 each

BOSTON FERNS.

Elegant plants in 8-in. pots..... $1.00 each
Elegant plants in 12-in. pans..... 2.00 each

SCOTT'S NEW BOSTON FERN.

Fine plants in 6-in. pots..... $1.25 each

PANDANUS VEITCHII.

Nicely colored plants in 6-in. pots..... $1.00 each

PANDANUS SANDERI.

Splendid specimens in 9-in. pots..... $3 50 each
Splendid specimens in 10-in. pots..... 5.00 each

ARAUCARIA EXCELSA GLAUCA.

6-in. pots, 16 to 18 in. high, 3 tiers..... $1.50 each
8-in. pots, 22 to 24 in. high, 4 to 5 tiers..... 2.00 each

PLANTS FOR FORCING.

AZALEAS FOR EASTER.

On account of Easter this year coming so very late (April 23) a season of the year when our regular spring shipmends demand our full attention, we have decided not to carry a supply of Azaleas until then, but to close out our entire stock as quickly as possible, therefore customers who usually procure their supplies late in the spring will do well to cover their needs at once. The principal sorts now in stock are Mme. Van der Cruyssen and Bernhardt Andreas Alba, the two best late flowering sorts of their color. These two varieties can be furnished in any proportion desired, but the selection of other varieties must be left to us.

We will still supply early orders at import prices.

12 to 14-in. crowns..... $ 6 00 per doz.; $ 45.00 per 100
14 to 16-in. crowns..... 7.00 per doz.; 55 00 per 100
16 to 18-in. crowns..... 12.00 per doz.; 100.00 per 100

DEUTZIAS FOR FORCING.

Strong two-year-old field grown plants suitable for 6-in. pots.

Gracilis..... Per doz., $0.75; per 100, $6.00
Gracilis Rosea..... Per doz., 1.00; per 100, 8.00
Gracilis Lemoinei..... Per doz., 1.00; per 100, 8.00

AZALEA MOLLIS.

For early and late forcing Azalea Mollis is rapidly gaining favor; easily forced at a minimum cost for heat and labor, they are profitable stock for the retailer to handle. We are supplying at present an unusually fine grade of plants, 15 to 18 inches high, and covered with flower buds, $4.50 per doz.; $35.00 per 100.

FORCING LILACS.

A fine lot of pot grown plants, well set with buds and in prime condition for forcing, $6.00 per doz.; $45 00 per 100.

RHODODENDRONS FOR FORCING.

These are being used more extensively every season, and this year, with Easter at such a very late date, should prove especially acceptable, as they can be retarded much easier than Azaleas, and at the same time may be flowered at just the right moment at a minimum cost. We are carrying an extra large stock of bushy well shaped plants, 16 to 18 inches high, covered with buds $9.00 per doz.; $70.00 per 100. Larger plants, 20 to 24 inches high, fine specimens, $11.00 per doz.; $90.00 per 100.

HENRY A. DREER, PHILADELPHIA, PA.

CHRISTMAS

CUT FLOWERS ARE SCARCE, HIGH IN PRICE AND PERHAPS POOR IN QUALITY BECAUSE OF PICKLING. SELL

PLANTS

AND YOU WILL MAKE A GREAT DEAL MORE MONEY AND GIVE YOUR CUSTOMERS MUCH BETTER SATISFACTION

All the stock listed below is of A1 grade and sure to sell at Christmas if you show it to your customers.

EVERY DAY AND CHRISTMAS **PRICE LIST.**

JERUSALEM CHERRIES AND CALIFORNIA PEPPERS

Are just the thing for Christmas sales. Order now before severe cold weather makes shipping dangerous.

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Kentia Belmoreana	4	15-17	5-6		$3.00	$25.00
" "	6	22-24	6	$1.00	12.00	
" "	6	24-26	6-7	1.50	18.00	
" "	7	32-34	6	2 00	24.00	
" "	7	34-36	6	2 50	30.00	
" "	9	44-48	7-8	6 00		
" "	10	46-50	7-8	7.50		
Kentia Forsteriana	5	24-27	4-5	.75	7.50	60.00
" "	6	26-30	5	1.00	12.00	
" "	7	32-36		2.00	24.00	
" " single	8	34-38	5-6	2.50	30.00	
" "	9	46-48	5-6	6.00		
" "	10	48-56	6-7	7.00		
Latania Borbonica	2			.75	5.00	
" "	3			1.00	7.00	
" "	6	22-26	7	.60	7.00	
" "	7	26-30	7	1.00	12.00	
" "	8	30-34	7-8	1.25	15.00	
Phoenix Canariensis	8	38-42	10-12	2.50	30.00	
" "	12	46-52	12-15	5.00		
Ficus Elastica	4	10-12		.25	3.00	
" "	6				9.00	
Araucaria Excelsa	4	tiers	2-3	.50	6.00	
" "	5	tiers	3-4	1.00	9.00	
" "	6	tiers	4-5	1.25	15.00	
" " Compacta.	6	tiers	3	1.50		
Cocos Weddeliana	3				2.50	
" "	5			.75	9.00	
Pandanus Veitchii	4			.50	6.00	
" "	5			1.00	12.00	
" "	6	18-20		1.25	15.00	
Pandanus Utilis	3				2.00	
" "	5				5.00	
" "	6				9.00	
Nephrolepis Bostoniensis	2					4.00
" "	5				3.00	

Variety.	Size.	Height.	Leaves.	Each.	Dozen.	100
Nephrolepis Bostoniensis	6				$5.00	
" "	7				9.00	
Alsophila Australis	8			$1.50		
Cibotium Schiedei	6			1.50	18.00	
" "	7			2.00	24.00	
Adiantum Cuneatum	2					$3.00
Ferns for Dishes	2 good assortment					3.00
Dracaena Indivisa	4				1.50	10.00
" "	5				3.00	
" "	6				5.00	
Dracaena Fragrans	4				3.00	
" "	5				6.00	
" "	6				9.00	
" "	7				12.00	
Dracaena Massangeana	5			1.00	12.00	
Asparagus Plumosus	2					3.00
" "	3				1.00	8.00
" "	4				1.50	12.00
Crotons	3	"	"	"	1.50	
Crotons	4	"	"	"	3.00	
Poa Trivialis Var	3	Fine for Ferneries				6.00
Jerusalem Cherries	4				1.50	
California Peppers	4				1.50	
" "	5				3.00	
" "	6				4.00	
Bay Trees, Standards	24-in crown				7.50	
" "	28-in crown				10.00	
" "	36-in crown				17.50	
" Pyramids	7				17.50 each	
Cycas Revoluta	From $2.00 to $4.00 each					
Box trees	7-in pots, 18-high. $4.20 per dozen					

THE GEO. WITTBOLD CO., 1657 Buckingham Place, CHICAGO.

CARNATION

LIEUT. PEARY==Ward

New White Seedling Carnation, Delivery 1905

Pedigree. White seedlings for several generations.

Color. Snow white.

Fragrance. Very strong clove, decidedly fresh and pleasing.

Size. Large, averaging 3 inches in diameter on strong stiff stems, 18 to 20 inches in length.

Flower. Full, broad petaled and high center and of a fine symmetrical form.

Calyx. Long, strong and does not burst. Fine keeper and excellent shipper.

Habit. Strong and erect.

Grass. Medium width.

Constitution. Very vigorous and free from disease.

Cuttings root rapidly and will be sent out in the most perfect condition. Commences blooming Oct. 15th and flowers continuously throughout the Winter, affording an abundant crop. A first-class commercial variety in every respect. Now booking orders. Price, **$12 per 100; $100 per 1000.**

THE KING OF ALL CARNATIONS, THE NEW SCARLET SEEDLING

ROBERT CRAIG==Ward

Has been Awarded the following honors

PRELIMINARY CERTIFICATE.....American Carnation Society
SPECIAL DIPLOMA.....American Institute of New York
First-class Certificate of Merit.....Mass. Horticultural Society
First-class Certificate of Merit.....Penn. Horticultural Society
First-class Certificate of Merit.....New York Florists' Club
Craig Cup for the best undisseminated seedling.....Philadelphia
G. Hartman Kuhn Special Prize, for best undisseminated seedling.....Philadelphia

The largest, strongest stemmed, most vigorous, healthiest growing, most fragrant and the **Best Fancy Commercial SCARLET Carnation** produced to date. Ranks with Enchantress and Fiancee, having defeated the latter variety in all competitions at Philadelphia. The

Ideal Christmas Carnation, an Enormous Bloom.

Just the color of the Christmas Holly Berry. An easy doer; anybody can grow it. Having already entered orders for 100,000 cuttings for delivery season of 1906, we are still booking orders subject to buyer's cancellation if dissatisfied with variety at any time up to Dec. 1, 1905.

PRICES—$2.50 per doz.; $12 per 100; $100 per 1000; 2,500 lots at $95 per 1000; 5,000 lots at $90 per 1000; 10,000 lots or more at $80 per 1000. Send your orders early to

C. W. Ward, ORIGINATOR. Cottage Gardens Co., INCORPORATED. Queens, N. Y.

Mention The Review when you write.

CARNATIONS

ROOTED CUTTINGS.

Eclipse Our 1905 introduction. A pink carnation, lighter in color than Lawson and of a more even and bright shade of pink. No objectionable shading or bleachings. A strong free growth, large flowers on long stiff stems and early and continuous flowering.

Fiancee A most pleasing shade of medium pink. No carnation has ever equalled the number of awards received by this variety.

Cardinal Brilliant scarlet. A great improvement over Estelle.

F. Burki Pure white.

The above four varieties, $12 per 100; $100 per 1000.

Richmond Gem Scarlet, $10.00 per 100; $75.00 per 1000.

Lady Bountiful and The Belle

The two best commercial white carnations of the present day. Both have received honors over competitors at the Fall exhibitions. We have large stocks of these two varieties which are already in great demand. Do not delay in placing your order for early delivery. $6.00 per 100; $50.00 per 1000; $112.50 per 2500.

White Lawson $7.00 per 100; $60.00 per 1000.

Flamingo, Nelson Fisher and **Mrs. M. A. Patten** $6 00 per 100; $50.00 per 1000.

Crusader, Indianapolis, Judge Hinsdale and **The President** $5.00 per 100; $40.00 per 1000.

Enchantress $3.00 per 100; $25.00 per 1000.

In addition to the above we can supply twenty-five of the best standard sorts, varieties that are profitable to grow. Our preliminary Price List will be sent upon application. We are pioneers in the carnation line and our facilities for rooting and handling cuttings are nearly perfect, due to our long experience.

F. DORNER & SONS CO. LA FAYETTE, INDIANA.

VICTORY

To be disseminated 1906, $12 per 100; $100 per 1000; 250 at 1000 rate.

A **TRUE** and **Brilliant Scarlet** is what is **demanded.** See **VICTORY** and be **convinced** that it is the **freest blooming Carnation** in **existence, never off crop,** has grand stem and **does not burst,** no **grass,** every **shoot** comes to flower.

The best **shipper** and **keeper** ever introduced. Has demonstrated these qualities at **St. Louis, Chicago, Boston** and **New York Flower Shows,** where certificates of merit were awarded. A bread and butter Carnation in every **sense** of the **word.**

See Victory grow before you **buy.** Do not lose the present opportunity for securing the **first stock.**

Address all correspondence to 52 West 29th St., New York City.

PLACE YOUR ORDERS FOR ROOTED CUTTINGS OF

	Per 100		Per 100
White Lawson	$6 00	Goethe, light pink	$2 50
Nelson Fisher	6.00	Lord	2.50
Enchantress	3.00	Manley	3.00
Prosperity	3.00	Maceo	1.50
The Belle	6.00	Cervera, var	2.00
Lady Bountiful	6 00	Lawson	2 00
Harry Fenn	2.50		

Send your Orders Early.

Five per cent discount for cash with order.

GUTTMAN & WEBER

52 WEST 29TH STREET, NEW YORK.

LYNBROOK, L. I.

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CARNATIONS!

Well Rooted.... ....Now Ready.

	Per 100	Per 1000
WHITE LAWSON	$6.00	$50.00
MRS M. A. PATTEN	6 00	50.00
FLAMINGO	6.00	50.00
ALBATROSS	6.00	50 00
NELSON FISHER	6.00	50.00
ENCHANTRESS	3.50	30.00
THE QUEEN	3.00	25.00
BOSTON MARKET	3 00	25.00
FAIR MAID	2.50	20.00
MRS. LAWSON	2 50	20.00

IMPERIAL GREENHOUSES, UTICA, N. Y.

Mention The Review when you write.

EVERYTHING ON THE MARKET, BUT

Bath, Me.—We use your Fumigating Powder and we are never troubled with aphis; it does not harm the blooms in the least, and we find it the cheapest way to fumigate—and we have tried everything that is on market See page 234.

JOHN H. RAMSEY & CO.

Mention The Review when you write.

MY MARYLAND

GRAND NEW WHITE CARNATION FOR 1906. Awarded First Prize and Certificate of Merit at the recent show given by the Horticultural Society of Chicago. My Maryland is easily superior to any white variety extant; particularly so in robust growth, and the immense quantity of large fine blooms produced. We invite you to watch this variety carefully during the coming year. : : : : : Visitors cordially welcome.

Write us now for other new and desirable varieties of Carnations.

CHRYSANTHEMUMS

All of the best novelties for 1905 as well as those of 1904 and other desirable sorts.

H. WEBER & SONS, OAKLAND, MARYLAND

Always mention the Florists' Review when writing advertisers.

HEATING.

I have recently bought a plant which is badly run down. The boiler was made to heat 4,700 feet of glass, but no maker's name is on it. I desire to know if a boiler with a fire box twenty-four inches square will keep up sufficient heat on a night 10 or 15 degrees below zero in 1,200 feet of 4-inch pipe, down hill system? The boiler has ten flues six feet long and good draught; will burn anything, but am using semi-anthracite slack, firing thin, but cannot seem to get over 115 or 120 degrees in water with overflow in the center of the run, and by the time it reaches the farthest point in circulation it seems to be not over 100 degrees. I have tried light and heavy firing, but cannot seem to get water above 115 degrees at the point mentioned. Is the fault with the fuel, firing, circulation or where? The circulation is slow, but seems all right. F. M.

It is impossible from the data given to more than guess at the reason for the low temperature in the system. While the size of the flues in the boiler is not stated, I judge them to be 3 inches. If so the heating surface in the boiler is probably too small. The fire box is capable of supplying heat to 320 square feet of heating surface in the boiler when soft coal is used. With ten flues six feet long it is probable that not more than one-half this amount of heating surface is provided in the boiler. A good boiler with 175 or 200 feet of heating surface should be ample, with proper fuel, to provide 180 degrees in the risers. If a full description of the boiler can be provided, stating general design, material used, size, number and length of flues and whether the boiler is return tubular or direct draught of the locomotive type, it will be possible to give a more exact and satisfactory answer. Without this data a conjecture as above stated is all that is possible. L. C. C.

ZANESVILLE, O.—J. D. Imlay does a nice business in gold fish and aquaria.

CHATHAM, N. Y.—R. E. Shuphelt, of the Chatham Floral Co., has been kept away from business by the serious illness of his mother and sister, who are now, however, happily recovering.



Style No. 610.
Also other Sizes and Styles carried in stock.

McCray Florist REFRIGERATORS

Superior in construction, insulation and service rendered. Economical in the use of ice, scientifically built.

86 INCHES WIDE; 30 INCHES DEEP; 74 INCHES HIGH

IN STOCK READY FOR IMMEDIATE SHIPMENT

SPECIAL DESIGNS BUILT TO ORDER
(Write at once for Florists' Catalogue No. 70.)

McCray Refrigerators are Built in all Styles and Sizes for Any Purpose

McCRAY REFRIGERATOR CO., 373 MILL STREET KENDALLVILLE, IND.

BRANCH OFFICES AND SALESROOMS—Chicago, 55 Wabash Ave.; St. Louis, 404 N. Third St.; San Francisco, 122 Market St.; Pittsburg, 308 Fourth Ave.; Detroit, 305 Woodward Ave.; Columbia, S. C., Jerome Building; Boston, 52 Commercial St.; Columbus, Ohio, 356 N. High St.; Cleveland, Ohio, 390 The Arcade. Address Main Office unless you reside in one of above named cities.

Mention this journal and we will send you the following catalogues: No. 39 for Residence, No. 45 for Hotels, Public Institutions and Cold Storage Houses, No. 63 for Groceries, No. 58 for Meat Markets, No. 70 for Florists.

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We manufacture our patent Short-Roofed Greenhouses and all other styles of construction, either of Washington Red Cedar or Louisiana Cypress, quality

Invariably the Best that Can be Produced.

Catalogue, plans and estimates free on request.

A. DIETSCH CO., Patentee, 615-21 Sheffield Ave., CHICAGO.

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Chrysanthemums! Stock Plants.

THE BEST NEW AND OLD STANDARD SORTS.

The New Ones Alice Byron (best early season white), Duckham, Dr. Enguehard, Ben. Wells, Cheltoni F. A. Cobbold, Guy Hamilton, Harry Plumridge, Kimberly, Mildred Ware, L. Filkins, Maynell, Ida Barwood, F. S. Vallis, S. T. Wright, W. R. Church, Mrs. Buckbee, Golden Age, Rockford, Helen Frick and Mrs. N. Smith, 15 cents each; $1.50 per dozen.

(Paul Sahut and Carrie all sold.)

Golden Wedding, Silver Wedding, Lavender Queen, White and Yellow Jones, Estelle, Polly Rose, Col. Appleton Robinson, Henderson and Mme. Diedereichs 8c each; 75c per doz.

No orders filled for less than $1.00. Satisfaction guaranteed. Cash with order, please.

CRITCHELL'S

Avondale, Cincinnati, Ohio

Mention The Review when you write.

Asparagus

Per 100

Plumosus Nanus, 2¼-in. pots, per 1000, $15.00; $2.00

Pansy Plants

Large flowering, per 1000, $2.50..... .60

—CASH—

Jos. H. Cunningham, Delaware, Ohio.

NOTHING HALF AS GOOD

Barrington, Mass.—Send me 50 lbs. Fumigating Kind by freight. I am all out and cannot get anything half as good for the purpose. See page 234.

A. W. MEDBURY.

TOBACCO STEMS

Strong and fresh, bales 200 to 500 lbs., 75 cents per 100 lbs.

U. Cutler Ryerson, 108 3d Ave., Newark, N. J.

Mention The Review when you write.

50,000

ROOTED CUTTINGS

Geraniums—The "Six Kings" for bedding. S. A. Nutt, (D. crimson), Paul Bruant, (D. scarlet), J. Viaud (D. pink), Beaute Poitevine, (Dbl. salmon), Mrs. E. G. Hill, (Single salmon), Mme. Buchner, (D. white). Large top cuttings, well rooted, $1.50 per 100; $14.00 per 1000.

Petunias—Double Fringed. We are headquarters for these. Six distinct novelties, labeled, $1.25 per 100; $10.00 per 1000.

Salvias—The two best. Drooping Beauty, (dwarf), Bonfire, (tall), 75c per 100; $7.00 per 1000.

Asparagus Plumosus Nanus—Plants from 3-inch pots, $3.00 per 100.

Carnations—Don't buy until you see our list.

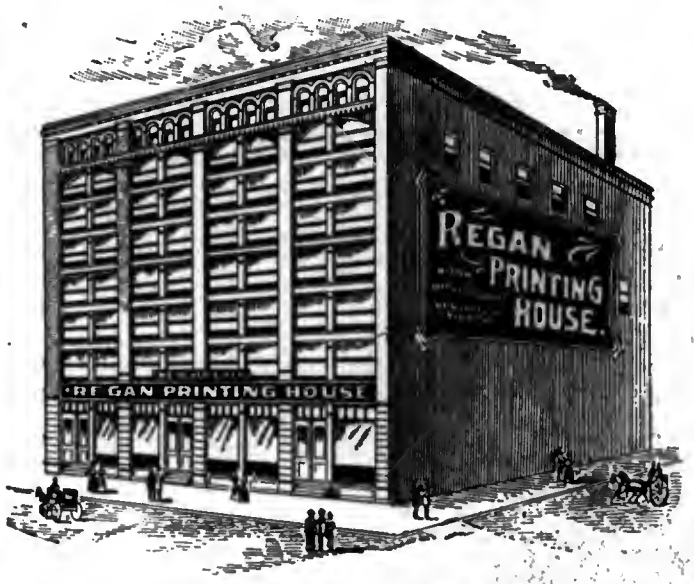
The W. T. Buckley Co.

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THE REGAN PRINTING HOUSE



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AND
Seed Catalogues

MANUFACTURED COMPLETE

CUTS MADE and CATALOGUES MAILED IF DESIRED
WORK PROMPTLY DELIVERED WHEN PROMISED

NO JOB TOO LARGE
NO JOB TOO SMALL

"WE NEVER SLEEP!"

DAY AND NIGHT PRESS ROOMS

A capacity of Twenty-five Tons of Paper per Day
Best Edition and Pamphlet Bindery in the United States
Special attention given to all kinds Linotype Composition

"TWENTY-FOUR HOURS OF WORK AND BUSTLE, WHENE'ER YOU COME WE'RE ON THE HUSTLE."

87, 89, 91 Plymouth Place, CHICAGO, ILL.

TELEPHONE HARRISON 85

Are all flower growers liars?

SURELY this cannot be true; well, we have over 100 growers who have written us, a large majority without request, their opinions; we publish a few of these letters in the columns of this paper; see on pages 186-226-231-232. what they say about the FUMIGATING KIND TOBACCO POWDER. All began with a five-pound trial bag at our expense, which gave them an opportunity without cost to prove its GOODNESS and our assertion that it was the most effective, cleanest and quickest, as well as cheapest (10 cents per 100-foot house) article to fumigate with, and that all kinds of aphis can be killed in one night. Let us send you a five-pound trial bag by express, it will cost you nothing but the express charges on it, and be convinced that what your brother growers say of it is true. Our booklet tells of it; we mail it on request.

THE H. A. STOOTHOFF COMPANY, Tobacco Powder Hobbyists, 116, 117, 118 West St., New York.

Mention The Review when you write.

NEW HAVEN, CONN.

The fourth annual horticultural exhibition was held in Music Hall, which was converted into a great flower garden, with tropical plants intermingled with the natives here and there. A splendid lot of plants in bloom were shown. Over all was the canopy of delicate blue and white bunting. The various exhibits were allotted to spaces on the floor and the aisles about and between them were arranged so that each one could be fully examined. Along the side walls were booths where flowers, potted plants and other articles were sold. At the entrance was a fine display of garden products. Many hundreds of people from in and out of town spent many pleasant hours enjoying this rare treat. Among the prize winners were Henry Cliff, Robert Johnstone, A. J. Thompson, William Veitch, of the Agricultural Experiment Station; J. H. Slocombe, Richard Bell, Frank E. Duffy, Frank Kimberly, Mrs. Edw. Rice, Wm. H. Symon, David Ferguson, Mrs. W. H. Symon, O. G. Gennings, Oscar Carlson, John Seibold and others.

Charles Munro has recently moved to his new store on Chapel street, formerly that of the Robert Veitch Company.

J. N. Champion has been fortunate in securing the orders for decorations for the many elaborate weddings which have taken place during the past month, the Hotchkiss wedding being the greatest New Haven has yet known.

S. H. Moore has had much funeral work. His windows have been elaborately decorated with choice stock.

Violets and carnations have been very scarce, while the demand is steadily increasing. Violets went up to $3 and $4 per hundred for the Yale-Harvard game. E. S. M.

SOUTH BEND, IND.—It is reported that a new firm is to put up a big range of glass here in the spring.

WINNIPEG, MAN.—A. H. Stolper has rented the R. Alston place, in which he was formerly employed, and is starting out with a nice business and every prospect for increasing it.

PORT HURON, MICH.—During C. W. Asman's recent opening he gave each visitor a flower and used more than 2,000 carnations. It was no small advertisement to have 2,000 people go down the street, each wearing a flower.

DON'T LET YOUR ROSES MILDEW.



USE THE **PEERLESS SULPHUR BLOWER.**

EVERY GROWER SHOULD HAVE ONE. Saves Time and Money. Distributes equally well Lime, Slug Shot, Tobacco Dust, Paris Green or any powder. Circular with testimonials on request.

If your seedsman does not handle it, order direct. **Price $4.00 F. O. B. Chicago.**

EDW. E. McMORRAN & CO, 15-21 North Clinton Street, CHICAGO.

CARNATION CUTTINGS

FROM SELECTED STOCK.

	Per 100	Per 1000
NELSON FISHER	$7.00	$60.00
MRS. M. A. PATTEN	6.00	50 00
FLAMINGO	6 00	50.00
CRUSADER	6.00	50.00
D. WHITNEY	5.00	40.00
ENCHANTRESS	4.00	30.00
H. FENN	3 00	25.00
MANLEY	3.00	25.00
FAIR MAID	2.50	20 00
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F. o. b. Harrison. Cash must accompany order

2 in.	Per 1000, $2.25	3½-in.	Per 1000, $5.50
2¼-in.	Per 1000, 2.70	4-in.	Per 1000, 6.80
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Also Wm. Duckham.

FERNS—Boston Ferns, 2½-in., $5.00 per 100; 3-in., 8c; 4-in., 15c; 5-in, 25c; 6-in, 50c; 7-in, $1.00, 8-in, $1.25.

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6-in., 2 and 3 plants to pot ..... $ 9 00 per doz.
7-in., 1 plant to pot, 7 to 9 leaves.. 12.00 per doz.
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.....ARECAS.....

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SOMETHING NEW!

A great improvement over all other Tobacco-Papers, or other methods of Fumigating.



For Sale by All Prominent Seedsmen.

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2½-inch pot plants, in bloom, for making up in pans, 8-12 ins. high from top of pot, $1.50 per doz.
No charge for Packing.

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After boxing they should be placed in a cold-frame having a northern aspect and loosely covered with litter to prevent too rapid evaporation. When the weather becomes severe they should be protected and kept dry by putting on the sash. In January they should be moved into a house with a temperature not to exceed 48 degrees at night for at least a month. The temperature should be gradually increased as exigencies demand but to secure good buds, and they should always be cut in the bud, the night temperature should never exceed 55 degrees.

Bulbs handled as late as the middle of October or November rarely succeed. There are few hardy bulbs so impatient of interference as the Iris family and any disturbance should be conducted during its most dormant period, August and September. R.

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To Close Out Balance of Stock.

2½-inch, $1.00 per doz.; 3-inch, $1.50 per doz.; 5-inch, $6.00 per doz.; 6-inch, $9.00 per doz. All in bloom.

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	Per 100
RUDBECKIA Extra choice, large clumps	$5.00
ASPARAGUS SPRENGERI, Extra quality, 2¼-in. pots	2.00
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Above prices cash with order.

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Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots at 25c, 50c, 75c, $1.00 per 100.

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Cash or reference please.

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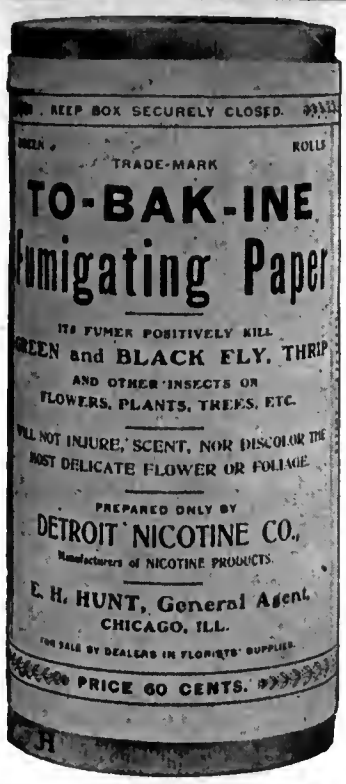
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A. F. J. BAUR says:—"For fumigating carnation houses in full crop, To-Bak-Ine Fumigating Paper is the finest thing we have ever come across; no fading of blooms; no odor left."

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FOR GREENHOUSES.

ALSO CEDAR POSTS
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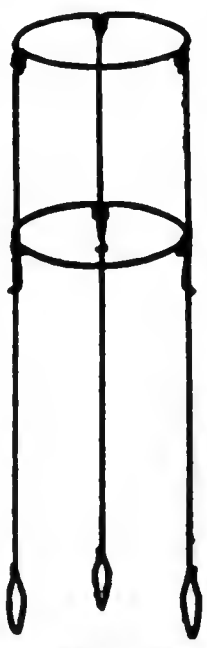


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Model
EXTENSION CARNATION SUPPORT.

ALSO GALVANIZED STEEL ROSE STAKES AND TYING WIRE...

Endorsed by all the leading carnation growers as the best support on the market.

Made with two or three circles. Prompt shipment guaranteed. Pat. July 27, 1897; May 17, 1898. Write for prices and circulars.

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Begonia Gloire de Lorraine is so easily cultivated, flowers so profusely, and is at its best at the very dullest time in the whole year, that there is little wonder that it so soon became universally cultivated. There have already occurred several sports from this variety, such as those named Mrs. Leopold de Rothschild, Turnford Hall, which has flowers that are nearly white; and Caledonia, with pure white flowers, but so unlike to the type that few gardeners are able to cultivate it successfully. At a meeting of the Royal Horticultural Society, London, November 15, several newer varieties were shown, but their resemblance to Gloire de Lorraine appeared very close.—Gardeners' Chronicle.

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Neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up Ferns, Begonias, etc. You can make room and money by their use. Try them.

Price with wire chain, as shown in cut, **$1.00** per dozen by express. Sample dozen by mail, **$1.25.**

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WATERPROOF. Corner Lock Style

The best, strongest and neatest folding Cut Flower Box ever made. **Cheap. Durable.**

To try them once is to use them always.

Size No. 0	3x4 x20	$2 00	per 100;	$19 00	per 1000
" No. 1	3x4½x16	1 90	"	17.50	"
" No. 2	3x6x18	2 00	"	19.00	"
" No. 3	4x8x18	2.50	"	23.00	"
" No. 4	3x5x24	2.75	"	26.00	"
" No. 5	4x8x22	3.00	"	28 50	"
" No. 6	4x8x28	3.75	"	36 00	"
" No. 7	6x16x20	5 50	"	54 00	"
" No. 8	3x7x21	3 00	"	28 50	"
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Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

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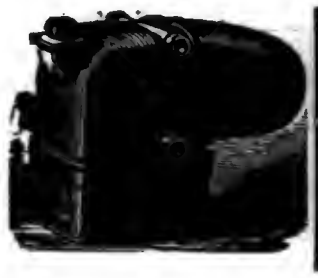
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STANDARD SIZE
Quality—No Better.
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Large Runs of
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The Wilks Greenhouse Heaters are all Steel Self-Feeders. Will run 15 hours at a time without attention.

NO
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Can be used with either Hard or Soft Coal.

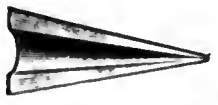
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Greenhouse Material,
Washington Red Cedar, Louisiana Cypress.
If you intend to build ask for our
CATALOGUE--It will interest you. HOTBED SASH.
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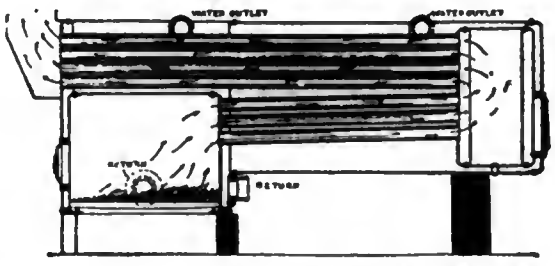
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Especially adapted for greenhouses.
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Made of EVERLASTING CYPRESS
Various sizes.
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PRODUCER, JOBBER AND PROMPT SHIPPER OF BITUMINOUS COAL.

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One cold day last winter when B. Eschner, whom everybody knows, was sitting, with his ear muffs down, his mittens and his rubbers on, behind a frost-covered hotel window waiting for train time, he ran across the following in a paper:

"This has been a bad winter for the storekeeper in more ways than one. And one of the ways has been the frosting of the show windows. Burning gas in the windows to keep off the frost is unsatisfactory. Many storemen run electric fans in the windows and this in a measure keeps down the ice, but it is detrimental to the stock in the window. For this purpose the Pharmaceutische Zeitung recommends the application of a mixture consisting of fifty-five grams of glycerine dissolved in one liter of sixty-two per cent alcohol, containing, to improve the odor, some oil of amber. As soon as the mixture clarifies, it is rubbed over the inner surface of the glass. This treatment, it is claimed, not only prevents the formation of frost, but also stops sweating."

A FINE YELLOW CYP.

The fine yellow form of Cypripedium insigne which appeared at the Royal Botanic Garden, Glasnevin, Dublin, and is named Mrs. F. W. Moore in compliment to the wife of the curator, proves a very worthy addition to that popular class. It is perhaps the strongest-growing and most robust of yellow flowered forms of C. insigne, its habit of growth being similar to that of C. insigne Harefield Hall variety, says the Gardeners' Chronicle.



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Again we show you the beautiful constructive lines of the

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Steam or Water Boiler

THE HEATER THAT HEATS.
The one that HOLDS A WATER LINE.

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Greenhouse Glass
FOR SALE CHEAP, GREAT BARGAIN

In quantities of not less than 200-box lots, f. o. b. Chicago.

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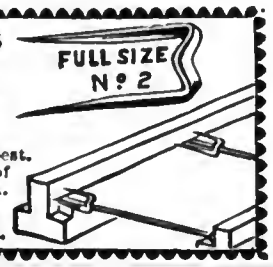
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Holds Glass Firmly
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THE FOLEY MANUFACTURING CO.
—471 W. 22nd ST. CHICAGO—
Cypress woodwork & Hot-Bed sash, Tennessee Red Cedar posts
FOLEY ventilating Apparatus & hardware specialties
Galvanized screw eyes, Screwhooks, turnbuckles & wire
Send for free illustrated catalogue !!!

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GREENHOUSE GLASS a Specialty.

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French and American.
"WHITE ROSE" Brand.
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The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.

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Over six miles in use and highly recommended by all. The only **Drip Proof** gutter on the market.

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It has no equals for simplicity or its working. Catalogue free.

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Boilers made of the best material; shell, firebox sheets and heads of steel; water space all around. front, sides and back. Write for information.

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Let us hear from you to-day. All sizes in stock.

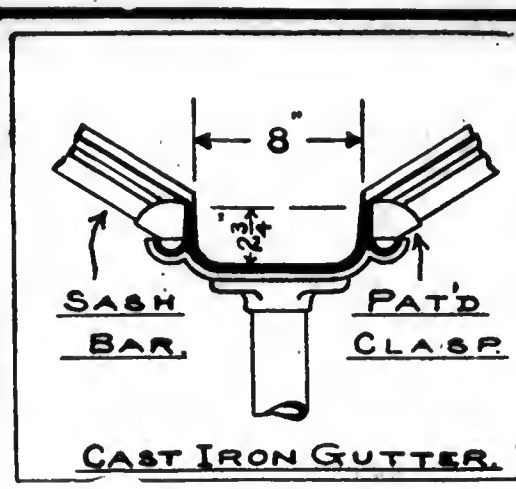
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Established 1863. **WEST DePERE, WIS.**

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Cast Iron Gutters

For your Greenhouses. They are straight, durable and easily set in place. Being exposed to the inside heat of the house, they readily free themselves from snow and ice. Our gutters are provided with grooves to catch drip from roof, and patent iron clasps for fastening sash bars, also fittings to fasten the posts underneath. These gutters can be used with any style of house.

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Mail ten cents to our New York Office for Greenhouse Construction Catalogue; also Heating and Ventilating Catalogue, five cents each for postage.

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WE MANUFACTURE EVERY TYPE OF GREENHOUSE FOR COMMERCIAL AND PRIVATE PURPOSES.

Galvanized Steel Patent "U" Bar Greenhouses.
Flat Rafter Iron-Framed and Red Gulf Cypress Greenhouses.
Ventilating Apparatus, Hotbed Sash and Frames, Benches, Putty.
PIERSON BOILERS FOR WATER AND STEAM.
Pipe Fittings, Valves and everything for Greenhouse Heating.

The Pierson-Sefton Company, West Side Ave. South, **Jersey City, N. J.**

Structures erected complete or material furnished with plans ready for erection.

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NOW IS THE TIME TO BUY

Hot Bed and Greenhouse **GLASS** **For Spring ...Use...**

Get our prices before placing your order. No order too large for us to handle. No order too small to have our careful attention.

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Greenhouse Heating, Hot Water and Ventilating Apparatus, Steam Boilers.

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Hot Water Boilers, Pipes, Fittings

Send Four Cents for Catalogue. And Ventilating Apparatus

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Horticultural Architects and Builders.
West Side Ave., JERSEY CITY, N. J.

FLAT IRON RAFTER TYPE.

While the same in general outline as the ordinary flat rafter type of greenhouse that has been on the market for years, yet our construction is so far improved in every detail it is far from ordinary—it is in a class by itself.

We furnish it in two styles for commercial and private use, both ¾ and even span. The commercial style shown in the illustration has our galvanized "U" bar eaves plate and is supported on galvanized iron foot pieces set in concrete.

The style for private use is provided with cast iron sills set on brick walls and is furnished with gutter at eaves line.



FLAT IRON RAFTER TYPE OF GREENHOUSE.
ERECTED FOR MR. JEFF DOREMUS, MADISON, N. J.

SASH BAR TYPE.

We manufacture this type of house in several grades from the low priced all cypress grade to the highest grade of combination wood and iron.

The house shown in the illustration is composed of our highest grade and consists of our galvanized "U" bar eaves supported on galvanized angle iron side posts with foot pieces bedded in concrete. The roof is supported on iron columns and angle iron purlins, making a strong durable house at a reasonable price.

It stands next to our flat rafter type in stanchness and durability.

Our lower priced grades of sash bar houses are manufactured with just the same care and attention to every detail.

All cypress used is selected and free from sap or knots.



HIGHEST GRADE OF SASH BAR TYPE OF GREENHOUSE.
ERECTED FOR MR. A. L THORNE FLUSHING, N. Y.

RIDGE AND FURROW TYPE.

We manufacture this type of house in all our constructions and of all widths of span.

The range shown in illustration consists of our highest grade sash bar with galvanized "U" bar eaves and galvanized angle iron posts.

It is provided with our galvanized "V" iron center gutter arranged to catch all water of condensation on under side of glass.

It is absolutely dripless and is without doubt the most perfect center gutter yet presented. It is supported on galvanized iron pipe columns which are bedded in concrete.



RIDGE AND FURROW TYPE OF GREENHOUSES.
ERECTED FOR F. R. & P. M. PIERSON, SCARBOROUGH, N. Y.

We also manufacture and furnish self-locking sash opening apparatus, hotbed sash and frames, all kinds of benches, "Pierson" boilers and everything required for erecting and heating greenhouses.

Estimates furnished for houses erected complete or for material ready to erect.

WRITE TO-DAY FOR PRICES.



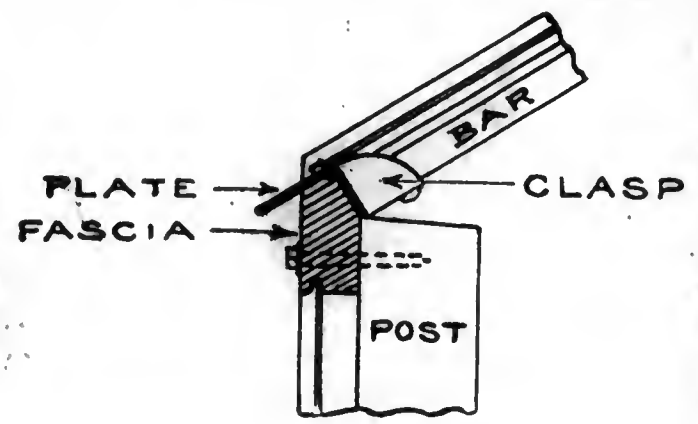
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For Greenhouses.



Sectional Water Boiler, Open View.
"Burnham" Boilers
DESIGNED ESPECIALLY FOR GREENHOUSE WORK.

Red Gulf Cypress Material

Cast Iron Gutters,
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Columns, etc.



Galvanized Ice Clearing Eave
Plate and Sash Bar Clasp.
(PATENTED.)

Headquarters for
All Kinds of
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Building
Material

Largest Builders of Greenhouse Structures.

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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

Copyright, 1904, by FLORISTS' PUBLISHING CO., 520-535 Caxton Building, CHICAGO.

Vol. XV. CHICAGO AND NEW YORK, DECEMBER 22, 1904. No. 369.

GLADIOLUS

	Per 100	Per 1000
Colvillei, the Bride, white	$.75	$5.50
Colvillei Rubra, pink	.60	4.75

SPIRAEA

Compacta and Astilboides	picked	5.00	45.00
Japonica	clumps	4.50	40.00

Arthur T. Boddington, Seeds, Bulbs and Plants,
342 West 14th Street, New York

Asparagus Seeds

60c a hundred; $5.00 a thousand.
5000 for $22.50.

WM. F. KASTING,
WHOLESALE FLORIST,
383-387 Ellicott St., BUFFALO, N. Y.

A GOOD INVESTMENT

Place Your **Holiday Order** With

THE LEO NIESSEN CO.

1217 Arch Street, Write for our PRICE LIST. PHILADELPHIA, PA.

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In a class by itself.
Rooted Cuttings,
$ 12 per 100
100 per 1000

THE CARDINAL, Grand Scarlet Improved Estelle, $ 12.00 per 100 / 100.00 per 1000

Two Best White Carnations
LADY BOUNTIFUL, $6.00 per 100; $50.00 per 1000
WHITE LAWSON, 7.00 per 100; 60.00 per 1000

Chicago Carnation Co., -- Joliet, Ill.

THE FOLLOWING 'MUMS have been AWARDED C. S. A. CERTIFICATES

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JEANNIE NONIN, (Thanksgiving White), the Queen of the 'Mum family.
DR. GALLOWAY, fine mid-season white.
CLEMENT NE TOUSET, big early white.
REVEIL A'BEGLES, big early yellow.
ROI d' ITALIE, second early yellow.

EXHIBITION:

MLLE. ANNA DEBONO, MME. EMILE LEMOINE,
PREFET BONCOURT, SOUV. d' CALVAT PERE.
All at 50c each; $5.00 per doz.; $35.00 per 100.

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WE respectfully solicit your orders for Holly, Bouquet Green, Wreathing and other Christmas Decorations for next season's delivery. Please let us figure your requirements now. We can save you money on A1 stock. : : : : : : : :||:

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Prize Winners

AND A FEW OTHER GOOD THINGS WE HAVE TO OFFER

Two Grand New White

Chrysanthemums

MAJESTIC and ADELIA

90 POINTS. Score Commercially 89 POINTS.

Rooted Cuttings, $3.00 per doz.; $15.00 per 100; $125 per 1000.

From 2-inch pots, 5c additional.

MAJESTIC won First Prize for the best 100 White at the great World's Fair Flower Show.

ADELIA capable of doing the same trick in the same company.

MADONNA A Fine Pink at Same Prices.

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White Lawson and Flamingo

Rooted Cuttings, $7 per 100; $60 per 1000.

Our WHITE LAWSON won First Prize for best 100 blooms at the great World's Fair Show.

Our FLAMINGO won First Prize for best 100 Scarlet.

Lady Bountiful, Nelson Fisher, Crusader, $6.00 per 100; $50.00 per 1000.

THE FINE NEW PINK ROSE

"LA DETROIT"

Field-grown strong plants for immediate delivery, $15.00 per 100; $125.00 per 1000.

"SNAPDRAGON"

OUR GIANT PINK. A fine white and a Grand Yellow. From 2-inch pots, $6.00 per 100; $50.00 per 1000.

EARLY DELIVERY. All orders booked and filled in rotation.

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Extra long	$12.00
36-inch stems	10.00
30-inch stems	9.00
24-inch stems	8.00
20-inch stems	6.00
18-inch stems	5.00
15-inch stems	4.00
12-inch stems	3.00
Short stems	$1.50 to 2.00

	Per 100
BRIDES, good	$10.00 to $15.00
" medium	6.00 to 8.00
MAIDS, good	10.00 to 15.00
" medium	6.00 to 8.00
LIBERTY, extra select	25.00
" select	20.00
" good	15.00
" medium	8.00 to 12.00
" short	6.00
CHATENAY, extra select stems, 30-inch or over	20.00
" select	15.00

	Per 100
CHATENAY, good	$12.00
" medium	$8.00 to 10.00
" short	5.00 to 6.00
SUNRISE, extra select	20.00
" select	15.00
" good	12.00
" medium	$8.00 to 10.00
" short	5.00 to 6.00
UNCLE JOHN, good	10.00 to 15.00
" medium	6.00 to 8.00
PERLE	6.00 to 10.00
CARNATIONS	6.00

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VIOLETS!

And all Other Cut Flowers in Season

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CHRISTMAS PRICE LIST.

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AMERICAN BEAUTIES,

all lengths of stems, at market rates.

	Per 100
Brides	$ 6 00 to $ 8 00
Brides, Fancy	10 00 to 15 00
Maids	6 00 to 8 00
Maids, Fancy	10 00 to 18 00
Meteor	8 00 to 10 00
Meteor, Fancy	12 00 to 20 00
Liberty	8 00 to 10 00
Liberty, Fancy	15 00 to 35 00
Golden Gate	6 00 to 8 00

	Per 100
Golden Gate, Fancy	$10 00 to $12 00
Roses, our selection	6 00
Carnations, Common	3 00
Carnations, Select	4 00 to 5 00
Carnations, Fancy	6 00 to 8 00
Violets	1 50 to 3 00
Valley	4 00 to 5 00
Callas	doz., 2 00
Harrisii	doz., 3 00 to 3 50
Paper Whites, Romans	3 00 to 4 00
Mignonette	3 00 to 6 00
Marguerites	1 50 to 2 00

	Per 100
Stevia	$ 1 50 to $2 00
Mahonia Sprays	1 00
Leucothoe	75
Adiantum	1 00 to 1 25
Smilax	15 00 to 18 00
Asparagus Strings	40 00
Asparagus Sprays	2 00 to 4 00
Sprengeri	2 00 to 3 00
Sprengeri, Long	4 00 to 6 00
Galax, Green	per 1000, $1 25; per 100, 15
Galax, Bronze	per 1000, 1 50; per 100, 20
Ferns	per 1000, 2 00; per 100, 25

Write us for special prices on "NICO-FUME" and all Florists' Supplies; we are prepared to sell goods.

KENNICOTT BROS. CO.

Wholesale Commission Florists

40-42-44 Randolph Street, CHICAGO

L. D. Phone Central 466.

A Merry Christmas and a Happy New Year

TO OUR MANY FRIENDS ALL OVER THE COUNTRY whom we wish to thank for their confidence and for their liberal patronage, which we gratefully acknowledge. With best wishes that the New Year may be a prosperous one, we remain,

Yours to command,

M. RICE & CO. RIBBON SPECIALISTS IMPORTERS AND MANUFACTURERS

The Leading Florists' Supply House of America

916 and 918 Filbert Street, PHILADELPHIA

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Gladioli Colvillei, "The Bride," pure white forcer	100 $0.65	1000 $6.00
Spiræa Japonica, large clumps, doz. 50c	3.75	
" Compacta mult., large clumps, doz., 60c	4.50	
" Astilboides flor., large clumps, doz., 75c	5.00	
" Superba or Gladstone, doz. $1.25	8.50	
Last call for extra fine, late dug Lil. Longiflorum, fine **for Easter.**		
Early Multiflorum, 6x8	3.00	28.00
" " 7x9	4.50	42.00
Amaryllis Belladonna, very large bulbs, forces fine, color beautiful rose,	12 75c	100 $5.00

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H. H. BERGER & CO.

47 Barclay St., NEW YORK.

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New Crop Flower Seeds

Asparagus Pl. Nanus, 100 seeds, 60c; 1000, $5.00.
Begonia Vulcan and Bonfire, trade pkt., 25c.
Cyclamen Giganteum, 100 seeds 60c; 1000, $5.00.
Petunia Fimbriata Grandiflora, td pkt., 50c.
" " " dbl., " $1.00
Salvia Bonfire, trade pkt., 25c; oz., $2.25.
Salvia Splendens, trade pkt., 20c; oz., 90c.
Stocks, Dwarf, 10 weeks, td. pkt., 25c; oz., $2.75.
Verbena Mammoth, td. pkt., 20c; oz., $1.00.
Fresh Tobacco Stems, bale of 300 lbs., $1.50.

W. C. Beckert, Allegheny, Pa.

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L. BAUMANN & CO.

IMPORTERS AND MANUFACTURERS OF

Florists' Supplies

76-78 Wabash Ave., CHICAGO.

Write for our new catalogue F, our prices may interest you.

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Tel. 3053 Madison Square.

Hanfling & Kleppner,

Manufacturers and importers of all kinds of

Basket Novelties Our Specialty, Pot Covers

Call now and save money by securing your Christmas supplies.

114 West 28th Street, Between 6th and 7th Aves., **New York.**

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Florists' Review

When Writing Advertisers.

Attention!! Just Arrived!

	Per 100.
Boxwood pyramids, 4-ft	$150.00
" " 3-ft	100.00
" for pots, fine stock	25.00
Rhododendrons, hybrids, for forcing	50.00
" " larger size, $75.00 &	100.00
Azalea mollis, well budded	25.00
" " standards	50.00
" " " extra	75.00
Deutzia gracilis, fine stock	13.00
" Lemoinei	15.00
Hydrangea pan. grandifl	15.00
Lilacs, leading var	45.00
Aristolochia Sipho, extra fine	45.00

	Per 100.
Dielytra spectabilis, fine roots	$ 7.50
Magnolia in var., large plant	150.00

ROSES

Crimson Rambler, extra $15.00
H. B., etc., roses, as long as stock on hand, per 100, $10.00, in the following varieties: Ulrich Brunner, American Beauty, Anne de Diesbach, Baronne de Rothschild, Coquette des Alpes, General Jacqueminot, General Washington, La France, Mabel Morrison, Magna Charta, Mrs. John Laing, Prince C. de Rohan, Paul Neyron, Paeonia, Reine, Marie Henrietta, etc.

SPECIMEN PLANTS of Picea pungens glauca Koster and other varieties always on hand.

Special low prices on all surplus bulb stock, azaleas, camellias, etc., cheerfully given by

F. W. O. SCHMITZ, Prince Bay, N. Y.

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H. Bayersdorfer & Co.

FLORISTS' SUPPLIES,

See our Advertisement on Page 260.

50 to 56 N. 4th St, **Philadelphia.**

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REED & KELLER,

122 W. 25th St., NEW YORK, N. Y.

Importers and Manufacturers of

FLORISTS' SUPPLIES.

Galax Leaves and all Decorative Greens

Agents for CALDWELL'S PARLOR BRAND WILD SMILAX

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Ferns

COMMERCIAL VARIETIES.

[A paper by David Lumsden, of A. Leuthy & Co., Roslindale, Mass., read before the Boston Gardeners' and Florists' Club, December 20, 1904.]

I know of no class of plants, taken the year around, which give us so much pleasure and real enjoyment as ferns; and what class of plants can we find that will excel, nay, even equal the fern in grace, beauty and utility?

Ferns are now in greater demand than ever before, not only for greenhouse cultivation, dwelling house adornment, fernеries, and other decorative purposes, but are also used with flowering and other decorative plants, making many excellent combinations. Persons in every station of life are taking a great interest in ferns and are desirous of cultivating them, and what gardener or florist have we present among us this evening who has not had these or similar questions asked him relative to ferns?

What is the best kind of a fern I can get to live in my house? I have steam heat or furnace heat, as the case may be, and we want a fern that will grow. What variety can you recommend? What is the proper way to treat them?

It is very true they are flowerless plants; nevertheless they are, I may say, everybody's favorite; in fact, through the whole of my experience in Europe as well as in America I have met no one who is not a fern lover, which goes far to prove the universality of ferns.

I may here state that ferns have a very wide geographical distribution and are found in almost every part of the world. They range from the tropics, where they are found in greatest profusion, to the arctic region, as far north as Greenland. In some places they are found at the sea level; in other places they attain an altitude of several thousand feet. Some will grow only in hot climates, others only in cold, and in their native haunts you find some growing in a dense shade, while others stand scorching rays of a tropical sun. We find them growing by the side of winding streams, in dense shady glens, in crevices of rocks where we would think it impossible for them to get sufficient nourishment to exist, and, indeed, some varieties revel in such situations. And what a comparison in size is afforded by the fern kingdom! Some are small, their fronds being scarce half an inch in length, while others (tree ferns) attain a height of fifty feet. Therefore, among ferns we find every conceivable kind of growth, and among them is a great diversity of habit and requirements. Notwithstanding all this, no other plants are so easily managed in cultivation as ferns.

Essentials of Fern Growing.

While it is considered necessary to have a knowledge of the various species in order to excel in their cultivation, yet the whole family can be satisfactorily cultivated by careful attention to a few rules: First, the right kind of a soil to use; second, a certain temperature must be maintained winter and summer; third, a moist atmosphere free from draughts; fourth, abundance of light, at the same time protection from the scorching rays of the sun during the summer months.

We find most tropical ferns are evergreen; that is to say, they retain their foliage until new foliage is produced the following season, and some varieties retain their foliage for a number of years. Very few of the tropical varieties are deciduous, while among the species from colder climates we find the deciduous varieties predominate. The great mistake made by a novice is that, when ferns have lost their foliage, they are placed on their sides or put away in some corner of the greenhouse unseen and forgotten, and then left for weeks without water. The chances are the roots are injured and, if the plants are not killed outright, it is impossible for them to make such vigorous growths the following season as they would if they had been kept continually damp. Those that have lost their foliage must be supplied with sufficient water to keep them moist while resting.

The right kind of soil to use for fern cultivation is fibrous loam and to obtain it grass sods should be taken from the field, stacked grass side down, layer upon layer, and left to remain a year or longer. By that time it will be found the roots of the grass are dead. Care should be taken in cutting the sods from the field that they are about three or not more than four inches deep, as the fibrous part of the loam is the portion we require. Leafmold is made from leaves collected during the fall and allowed to lie in large heaps for a season or two, until they are entirely decomposed; also it may be collected from the woods, where the leaves fall annually and decay, forming nature's fern garden.

At one time the idea was prevalent that ferns could not be grown without peat in the compost. This is entirely erroneous, as by experience we find that peat is not of much importance, as the value of leafmold is acknowledged by our leading growers.

Clean, sharp river sand is the best we can use to keep the compost open and admit the passage of the surplus water freely through the soil. Charcoal is very valuable, broken small and can be freely mixed in with the compost for some varieties of ferns. It is also a valuable agency placed on the tops of the crocks as it tends to insure good drainage, keep the soil pure and in growing condition.

A great many persons have the idea that ferns need a dense shade to grow in.



Carnation Helen Goddard.

This is entirely erroneous, as most ferns like abundance of light and our fern ranges are better from the beginning of November to the early part of March without any shade.

There are various methods of propagating ferns. Some are propagated from tubes on the roots, some from bulbils formed on the rhizomes and some are propagated from spores, which is certainly the most interesting form of propagation.

Growing From Spores.

The spores vary in the different species. Some we find arranged along the edge of the frond; in other species they are spread all over the surface; in others they form large patches on certain parts of the frond. Some of the clusters are covered with what we would call a very thin membrane, which gradually lifts as the spores ripen, and oftentimes shrivels or falls off. In some species the spores are not covered at all, being a pale green in their infancy and as they advance to maturity, some become brown, some black, others green, according to the species. When the covering shows signs of beginning to lift, it is an indication the spore is almost ripe. The fronds containing the spore can then be gathered, wrapped in paper and dried by hanging them up in any warm place where there is no danger of water reaching them. In the course of a few days, when they are sufficiently dry, they are rubbed through a very fine wire sieve, which removes the frond and a portion of the chaff from the spore. They are then ready for sowing.

After experimenting in various ways with the sowing of spores I find the most satisfactory results are obtained by using 5-inch or 6-inch pots. They should be filled to within one inch of the top with drainage, consisting of small crocks, cinders or charcoal. The pot is now ready to receive the soil, which must be loam screened fine, with no manure, and thoroughly sterilized, either by baking over a fire until all forms of vegetable and insect life have been destroyed, or by the use of steam, passing through and thoroughly sterilizing the soil. After filling the pots with the compost be careful to make the surface perfectly level. The pots should now be thoroughly watered and allowed to stand an hour or so before sowing them. They are now ready to receive the spores. Care must be used when sowing to select a place free from draughts, as the spores are so fine that the least breeze will scatter them in every direction.

After sowing, place your pots in a shady place in the greenhouse and cover with glass. This glass covering should be kept on continually to prevent other spores getting in and to keep a humid atmosphere about the spores. This assists germination, as a dry atmosphere is detrimental to their growth. We then place the pots in saucers containing water, which rises and keeps the compost moist. If any of the pots are found to be drying out they must by no means be watered overhead, but placed in a pail of water, so that it soaks up and saturates the whole compost, as top watering will disturb the spores and in all instances wash them out of their places. It is an old axiom in human life that cleanliness is next to godliness, and in plant life it is equally true, especially among seedling ferns, for they quickly rebel under unclean conditions.

The warm or exotic ferns germinate best in a temperature of say about 65 degrees. The cooler or hardy ferns will germinate in a much lower temperature. The first sign of growth appears in a faint coloring of green on the soil, which will rapidly cover the whole surface. At the first indication of the spores making tiny fronds they should be separated in small patches and planted in other pots or flats containing fern compost. Overhead watering may now be indulged in, but use a very fine rose on your watering pot; also keep under glass for a time longer and give more light. They will soon need dividing again and presently, when large enough to handle, they may be placed in 2-inch or 2¼-inch pots.

There is mystery attached to raising ferns from spores and it is no uncommon occurrence for a totally different kind to appear than the one which has been sown. Also, we find when the utmost care has been taken in collecting and saving the spores, several kinds may appear in the same pots. It is reasonable to suppose the spores in the fern house are being constantly wafted by currents of air, and readily attach themselves to fronds of other species. They are then collected and after sowing, of course, mixed plants will result.

As I have previously stated, there is an increasing demand for ferns in this country, especially in varieties suitable for jardiniere work. In fact the demand is far in excess of the supply, although I may say millions of ferns are raised annually throughout the country. Also, we find our old favorite, Nephrolepis Bostoniensis still in great demand, with the new and beautiful variety, Piersoni elegantissima, or ornamental Boston fern, and Nephrolepis Scottii, a wonderfully dense and compact growing variety, making an excellent house plant, and a beautiful center-piece for a table, when grown in the shallow pan pots. In my humble opinion this excellent fern has a great future before it.

Best Ferns for Jardinieres.

I shall now enumerate a few varieties of ferns suitable for filling jardinieres, of which pterises form the leading feature; in fact, the pteris family is for such work indispensable. P. adiantoides is a deep green and glossy fern and the variety argyrea, a showy green and white variety, a native of the East Indies. P. cretica and its varieties, albo-lineata and magnifica, together with the showy variety major, are excellent commercial sorts. P. serrulata and its varieties, cristata, cristata compacta and densa, are all natives of the tropics. P. tremula is a New Zealand fern, a quick grower and makes a nice pot plant, together with the crested variety, Smithiana.

Aspidium tsussimense is commonly known in this city as tensemense. It is a general favorite on account of its good keeping qualities, but is somewhat slow of growth.



Carnation Victory.



Bench of Carnation Victory at Establishment of Charles Weber, Lynbrook, L. I., N. Y.

Cyrtomium falcatum, the holly fern, is a beautiful form and always in demand. Other good sorts are: Lastrea opaca and L. chrysoloba, the former from China and the latter from Brazil; Polystichum (lastrea) aristata variegata, a dense green fern with yellow stripes on the fronds; Onychium Japonicum, or parsley fern, of Japanese origin; Pteris Chinensis, Polystichum coreaceum, a South African fern, which, when well grown, will make a nice specimen.

Cibotium (Dieksonia) Schiedei is a beautiful, graceful fern much in demand by the leading decorators throughout the country, making a beautiful house plant and of which stock is always scarce and difficult to obtain. Sitalobium cicutarium is a very showy fern and a native of tropical America.

In adiantums we have first to mention A. cuneatum, decorum and gracillimum, the latter in demand on account of its light and graceful appearance, also Adiantum Croweanum, the new maidenhair which, owing to its strong, vigorous growth and long stems will become a general favorite with the trade where marketing the fronds is a feature, as well as in private places where cut maidenhair is always used.

Adiantum Farleyense, the queen of the maidenhair family, is a native of the West Indies and is now grown in quantities by the trade, both as a pot plant or for cut fronds wherever first-class decorations are a feature. Alsophila Australis is frequently asked for and very desirable, on account of its stately appearance, together with Dieksonia Antarctica, both of which are Australian ferns.

The davallias are also an interesting family and the variety bullata is being sold in large quantities when made up in fern balls and various other shapes as received from Japan. The variety Canariensis makes a nice pot fern and readily develops into a nice specimen, also the varieties Fijiensis plumosa and major are desirable forms to cultivate.

Platyceriums, or stag-horn ferns, are always interesting on account of their unique shaped fronds, resembling a stag-horn. The variety alcicorne majus is a free growing variety and grande a fine variety, but somewhat scarce.

In taking survey of the ferns I have mentioned, we owe a great deal to Japan for her part of the fern flora, as a great many of our most beautiful species are natives of that country. There are thousands of other varieties of most beautiful ferns that time will not permit me to talk about. Suffice it to say the varieties mentioned in my paper are the most popular from a commercial point of view, and as ferns increase in demand day by day let us each do his part to make them more and more interesting to fern lovers, so that it can be truly said of each of us, as by the poet, when he stated:

The green and graceful fern,
  How beautiful it is;
There is not a leaf in all the land
  So wonderful, I wis.

Have ye e'er watched it budding,
  With each stem and leaf wrapt small,
Coiled up within each other
  Like a round and hairy ball?

Have ye watched that ball unfolding?
  Each closely nestling coil,
Its hair and feathery leaflets,
  Their spreading forms uncoil?

O, then most gracefully they wave
  In the forest like a sea,
And dear as they are beautiful,
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VIOLETS IN SASH HOUSE.

Under separate cover I sent you a box containing two bundles of violet plants which I grew in a sash house but am having trouble with. In order that you may see better what the trouble is I will go way back and describe the treatment they got as well as I can.

About May 1, I received a lot of clumps from a place fifteen miles distant. They reached me in fine condition and were very fine, healthy plants. I divided them and put them in soil in the house. Before I put them in the soil I took out about six inches of the old soil and put in fresh soil from the field. I put in no manure, although the soil was not rich. I kept them syringed well and they all rooted fine.

In July I took out the old soil from the benches and replaced it with six inches of field soil. On top of this I put about two inches of stable manure, which was quite rotten, mostly cow manure mixed with some seaweed, which I used for bedding. This seaweed I got along the bay shore, being washed up by the water. There was very little of this seaweed in the manure and it was well washed out by the rain before I used it for bedding. I then mixed this manure well with the soil and planted my violets in it. This was the third week in July.

I forgot to state that after I had removed the old soil I loosened what remained to the depth of about three inches and gave it a sprinkling of air-slaked lime, just enough to whiten the surface, and raked it into the soil.

I did not take off the sash, as half of them are ventilators, and I was able to keep down the temperature nicely. I shaded the glass with whitewash, but removed it gradually from the middle of September until near the end of October, when I took it all off.

I watered them quite often; that is, when I thought they needed it, also syringed them occasionally. Have not been bothered with red spider to my knowledge and no flies, either, as I fumigated with hydrocyanic acid gas when I noticed any. I keep them at 43 degrees at night and 60 degrees in the day time. I heat with hot water. I have the regular violet pits, two benches four feet wide and a walk dug out in the center of the house. I have solid benches with the soil on the level with that outside of the houses and heating pipes fastened to the side of the house.

On the east side of the south bench the plants are fine and healthy, but the west ends of some benches have been going back for the last six weeks. I send you two plants to see if you can make out the cause of my trouble. I also send you one plant of the north bench of the same house, which did finely until about three weeks ago. Since then they seem to have stopped growing. The leaves of this north bench seem to be wrinkled and yellowish green in color, showing that they are sick.

I had some stem-rot this summer in the same house but gave them a top dressing of air-slaked lime in the end of September and worked it into the soil. I also surfaced them once in a while before that and kept the runners cut off. The lime stopped the stem-rot.

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I had some stone cut cuttings in the same house but gave them a top dressing of air-slaked lime the first week in September and worked it in between the plants. I also surfaced them once or twice to free that and kept the runners cut off. The lime stopped the stem rot.

I have another house planted with California violets, which are treated the same as the Marie Louise plants and which are doing finely. Right along some of the older leaves on the plants would start to get brown around the edges. These brown edges would get wider and wider and dry, until the whole house would look something like the leaves on trees that die when winter comes. I kept these leaves picked off but more would appear and I still keep finding them.

A. N.

The treatment seems to have been all right in all the particulars given and the only thing the correspondent omits to tell is the kind of soil that he has and what his drainage facilities are. From the looks of the plants which he sent we would come to the conclusion that they were drowned out by cold, wet drip and overwatering. I would advise withholding water supply in a measure and see if I could not dry out the soil and get it into a sweeter working condition. In regard to the seaweed used in the manure, I hardly think that that could have had anything to do with it, although I have never used any as a violet fertilizer, but having laid as long as he says it did, and used in small quantities, I do not think it has cut any figure in the results. Then, too, it would have affected them earlier if it were that. I think he will find overwatering or lack of good drainage, with cold drip from the flow pipe, or both, the cause of his trouble. R. E. Shuphelt.



THRIPS?

I am in trouble with my carnation buds, which rot before they open. They expand as far as when they are ready to turn the petals, but they remain in that condition and in a day or two after, the petals get yellow and rot.

I heat the house with hot water, the expansion tank being an open box, which is at the end of the house. The temperature is kept at 50 to 54 degrees at night, with all the air I can possibly give in the daytime. I have put on a stimulant composed of one peck of well rotted manure, one 6-inch pot of bone meal and one 6-inch pot of wood ashes for 250 square feet of bench. This compost has been put on twice this season, the plants having been housed on August 15, watering being done very carefully.

The plants are very healthy, making fine growth and stem. I have Enchantress, Marquis, Queen Louise, Lawson and Crane. The last named is the only one that fully develops; all others, especially Marquis, are rotting. This trouble is two weeks old now and happened immediately after I had put on the second dressing and started to fire up harder. J. H.

I am not sure that I can tell positively what ails your carnations, but I suspect they are badly infested with thrips. If you had sent a sample bud I could have told you for certain whether or not this is the trouble. Pull the petals apart and look for a tiny insect about one-sixteenth of an inch long. The color varies from almost white to a deep brown. They are very active and you will have to look sharp. To get rid of them you will have to go after them vigorously, as it must be a bad case to destroy all the blooms. Get a pint of some tobacco extract, like To-bak-ine, and spray them according to directions every morning for two weeks, unless you can see that the thrips have disappeared.

I don't think the feed you gave them is responsible for the trouble, although it is a little more than I would recommend. If the plants are in good, vigorous growth and free from disease I should certainly think it is caused by some insect and thrips would be my first guess.

A. F. J. Baur.

CARNATION HELEN GODDARD.

This seedling is the result of a cross between Lawson and Crane. The raiser is Samuel J. Goddard, Framingham, Mass. The habit of the plant is about intermediate between the two parents. The flowers are of a beautiful rosy pink color somewhat lighter than Lawson and without any of the objectionable coloring peculiar to that variety. The stems are long and strong and burst calyxes are unknown. Helen Goddard has won an increasing number of admirers each time it has been shown in Boston. It has already received recognition from the plant committee and when next shown will score a higher award. W. N. C.

GO SLOW WITH CARNATIONS.

When this reaches you, you will not have much time for cultural details, but I just want to remind you not to drop the temperature in your carnation houses too quickly. Don't think that because you forced them extra strong you can make it up to them by running them down to the other extreme for a while. You could do nothing worse. Drop it gradually, a degree each night, until you have it normal again. You will want blooms right along anyway and a sudden drop would not help you to get them. If the forcing has weakened the stems somewhat you can give them a light sprinkling of wood ashes and water them in well. Give all the air you can.

Here's hoping that you have a large cut and a good demand at fair prices, therefore a merry Christmas time.

A. F. J. Baur.

VARIEGATED LAWSON.

W. B. Arnold, of the Rockland Greenhouses, Rockland, Mass., secured a first-class certificate for this very promising sport when shown in Boston on January 30, 1904. He now has a house containing 2,000 plants, which are a wonderful sight. The house was planted late, September 15, and picking commenced November 10. Burst flowers are unknown. Stems of Variegated Lawson are longer than in the old type and the flower has a fine odor. It opens very quickly and is a great keeper. Having grown a few plants furnished by Mr. Arnold we have failed to notice any faults and it has been a pleasure to grow it. Our experience would be that it produces at least three flowers to one of that popular variety, Mrs. Patten, which it greatly resembles in color. W. N. C.

AMERICAN CARNATION SOCIETY

Robert C. Pye, Nyack, N. Y., registers Carnation Senator Crane, light pink bloom, three and one-half inches, high built, of perfect form and of a non-bursting calyx; long, stiff stems; free and continuous bloomer; parentage Lawson x Bradt.

D. C. Noble, Columbia City, Ind., registers Carnation Uncle Peter, light pink, the same shade as Enchantress, a sport from Lawson with the same quality and habit as that variety.

John C. Moninger Co. and Vaughan's Seed Store of Chicago, are offering special prizes for the meeting in Chicago, January 25 and 26. In order to give everybody an opportunity to offer a prize that desires to, the premium list will not go to press until December 26.

The Western Passenger Association has



A Bench of Carnation Variegated Lawson a W B Arnold's.

granted the rate of a fare and one-third fare for this meeting. This includes the whole state of Colorado, and from that east and north.

ALBERT M. HERR, Sec'y.

AMERICAN CARNATIONS.

The following is from the report in the Gardeners' Chronicle of an exhibition November 29 of the Royal Horticultural Society of Great Britain:

Carnation Enchantress.—A very large-flowered tree or wintering-flowering variety. The color is a very delicate shade of pink. An excellent flower, but possessing very little fragrance (Award of Merit).

Carnation The President.—A tree variety, having beautifully formed flowers of deep maroon-crimson color; exceedingly rich. The petals, however, are fringed, and we could not detect any fragrance (Award of Merit).

Carnation Adonis.—This variety has bright red-colored flowers, with rather more fragrance than the others, and less fringed petals. All the varieties named above and some others were shown by Messrs. Bell & Sheldon, Guernsey, who showed a collection of much merit. Each of the three varieties that gained an award, was, we believe, raised in America.

PUBLICATIONS RECEIVED.

[THE FLOWER GARDEN; A Handbook of Practical Garden Lore, by Ida D. Bennett; McClure, Phillips & Co., New York, $2, net.]

It was a true word that was spoken by the sponsors for a new gardening magazine when, in their announcement, they said that more about gardening has been published in 1904 than in any preceding year; theirs was also a safe prediction that 1905 will see the record of 1904 exceeded in the matter of horticultural literature. To those who gain their livelihood through the exchange of horticultural commodities this is a reason for felicitation, for whatever inspires in the people a love for plants and flowers is distinctly worthy of encouragement for commercial reasons. All that should be required to gain the stamp of approval at the hands of the men who grow plants for profit is assurance that the statements are true and the teachings sane and practical.

It is an occasion for regret that these characteristics are not found in all that purports to be gardening literature, but The Flower Garden, by Ida D. Bennett, which has already reached its second edition, is worthy of its sub-title, "a handbook of practical garden lore." It is a volume of 281 pages, handsomely printed and bound, freely illustrated with excellent half-tone reproductions of photographs made for the purpose. There are twenty chapters, covering in detail all the operations of plant growing and garden making, including soils, fertilizers, handling the hotbeds, etc., with comprehensible cultural directions for all the plants commonly met with in the collections of amateurs. It is such matter as any florist should be glad to see, and aid in placing in the hands of his customers and their neighbors.

There are very helpful tables giving the blooming season of various trees, shrubs and plants, the common and botanical names of plants and flowers and the time required for the germination of seeds of many plants. The whole is fully indexed.

YOUNGSTOWN, O.—A greenhouse 20x 120 is planned for Wick park.

CLEBURNE, TEX.—The greenhouse and barn of Thomas Sanders were destroyed by fire on the night of December 11.



Carnation Variegated Lawson.

WITH BOSTON GROWERS.

The Boston Gardeners' and Florists' Club went to Framingham for its field day December 17 and the members were fortunate in having a very pleasant day. Over thirty made the trip by electric and steam cars, and but for the nearness of Christmas, which kept some busy at home, the number would have been much larger. Owing to the severe illness of J. T. Butterworth it was thought best to postpone a visit to that gentleman's place in order that the genial proprietor might himself escort the party around.

Wm. Nicholson.

On arrival at Framingham Center, the establishment of William Nicholson was first visited. Everything in the greenhouses was found in fine condition. Principal interest, of course, centered in the carnations, which are largely grown and have always been a specialty here. It was especially noticeable that stock in the newest and roomiest houses was much superior to that grown in the older 100-foot houses, which were a dozen years ago considered the acme of perfection for carnation culture, also that the atmosphere was far more genial.

Prosperity seemed to be doing better than ever, judging from the heavy crop of immense flowers it was carrying. Mrs. M. A. Patten is grown in quantity and seemed to be doing very satisfactorily. Some Mrs. Bradt are still grown and a batch of Stella looked well. Judge Hinsdale was not of a taking color. In whites, Wolcott was doing beautifully, no burst flowers noticed. Lady Bountiful was giving a good crop of fine flowers, some a little thin in petalage, but the form of the flower and its purity surpassed any other white. The Queen was far the heaviest producer of all the whites, being a perfect mass of flowers and buds. A bench grown inside all summer, from which flowers had been picked since September 1, was still smothered with bloom. White Lawson produces freely, but stems are too short compared with other sorts grown. A seedling white from R. Witterstaetter looked like a fine thing.

In crimsons Harry Fenn seemed to be the most prolific. Its warm, scarlet crimson color is very taking. Ward's President is also fine, as was Harlowarden, but the latter seemed to be less free. As an outdoor summer bloomer it was pronounced first-class. Governor Roosevelt is also grown. A bench of Flamingo carried some splendid flowers on ideal stems but this variety is not classed as likely to be a profitable one commercially. J. H. Manley was in fine shape. In yellows, Eldorado is mostly planted, being grown inside all summer. It looked clean and was producing a fine crop. Dorothy Whitney also looked promising.

In light pinks honors were about evenly divided between Enchantress and Fair Maid, the former having the finest flowers, the latter the most flowers. In dark pinks a few Nelson Fisher are grown. We did not consider it equal to Lawson, which is grown in quantity. Floriana did not strike us as being of particular value. Ethel Ward is a nice medium variety of rosy pink color with a high built center. A crimson seedling from Dailledouze Bros. has the earmarks of a valuable sort and some other seedlings of Mr. Nicholson's own raising were promising. The propagating house was full of cuttings and thousands are already boxed off. The best carnations noted were planted on July 28.

In addition to carnations some other good things were noted. Plants of the old orange scarlet West Brighton Gem geranium were in fine bloom for Christmas sales. A bench of mignonette carried some magnificent spikes. Large batches of Primula Sinensis and P. obconica, cyclamens and Begonia incarnata looked well. Princess of Wales and Campbell violets were clean and full of bloom. Lilies, antirrhinums, sweet peas, freesias

and other crops were all coming along in good shape. After an inspection of the boiler plant an adjournment was made to the packing shed, where an excellent lunch was served by the Misses Nicholson, to which the visitors did ample justice. James Wheeler, on behalf of the club, thanked Mr. Nicholson for his kind entertainment and called for three cheers, which were heartily given, followed by the singing of "He's a jolly good fellow."

S. J. Goddard.

A few minutes' walk took the members to S. J. Goddard's new establishment. Here everything was found in apple pie order. Mr. Goddard also operates an older plant situated some two miles away from his newer and more central location. Time did not permit of a visit to it. Mr. Goddard's new seedlings were greatly admired by all the visitors. Helen Goddard, which attracted much favorable notice at the late chrysanthemum show, was a beautiful sight. The flowers are of a clear, rose pink color, without the slightest trace of purple or magenta, stem and calyx perfect. A bench of Mrs. Lawson grown alongside looked dull and sour by comparison. We predict great popularity for this variety. Another seedling of a warm flesh color, the color being even all over the flower, is also bound to become popular. Two pure white seedlings are also under trial, also several of other colors.

Of the standard sorts, The Queen was carrying a great crop. White Lawson seemed free but a little lacking in stem. Lady Bountiful carried some splendid flowers. There was a good batch of Marion Buxton, one of Geo. E. Buxton's seedlings, a light pink variety. Fair Maid and Enchantress are grown as light pinks. Mrs. Patten as a striped sort and Harry Fenn and J. H. Manley are the favorite crimsons and scarlets respectively. For a yellow. Mr. Goddard grows a bench of one of his own seedlings, rather a coppery yellow shade with carmine markings. All the carnations were in splendid condition. A variety of other stock, such as lilies, cyclamens, freesias, violets and primulas, are grown here and at the older establishment.

An adjournment was made to Mr. Goddard's house after the houses had been inspected and ice cream and other refreshments were served by Mrs. Goddard and Mrs. Hale. A rather hurried rush for a Boston car passing the door prevented the extension of thanks to Mr. and Mrs. Goddard for their courtesies. Some of the poorest sprinters had difficulty in getting on the car, and some, we fear, were left behind, but no doubt got home later. After two collations in one afternoon it is doubtful if the members could do customary justice to their Saturday evening beans and brown bread on reaching home.

Among those in the party were James Wheeler, J. W. Duncan, Robert Cameron, M. A. Patten, E. Sutermeister, W. Kidder, F. H. Meade, E. O. Orpet, Alex Ogg, F. Drewett, W. E. Fischer, E. Johannson, F. White, Duncan Finlayson, W. Downs, C. Sander, H. A. Stevens, J. McManus, A. H. Fewkes, J. Rosonosky, W. C. Rust, G. M. Anderson, C. Holbrow and C. Walters.

W. N. C.

WILLIAM NICHOLSON.

One of the best known florists' establishments in Massachusetts is that of William Nicholson, at Framingham. The proprietor is an Englishman by birth, hailing from Windermere, in Westmoreland, in the beautiful lake district, which is one of the Meccas for Americans who are touring the British Isles.

Mr. Nicholson arrived in America on September 23, 1873, to take charge of the estate of W. H. Mellen, of the firm of Claflin, Mellen & Co., of New York. He managed Mr. Mellen's Framingham property for fifteen years, growing among other staples, cucumbers, tomatoes and carnations. These were the days when tomatoes netted fancy prices in winter, occasionally bringing as much as $2.25 per pound in the Boston market. Cucumbers also sold at prices calculated to turn present day growers green with envy.

On Mr. Mellen's death, in 1888, Mr. Nicholson hired the plant for two years, removing in 1890 to his present stand, Pleasant Hill Conservatories. In his first year he erected three houses, two 20x100 and one 15x100, and has added to his plant on various occasions until now it is of quite large proportions. The carnations grown in 1890 included such old-time favorites as Mrs. Fisher, Grace Wilder, Astoria, Buttercup, Anna Webb, F. Mangold, Hinze's White and Portia, all good in their day but not comparable to Enchantress, Fair Maid, Roosevelt, Patten and others of today. While carnations have always been the leading specialty at Pleasant Hill and have won many prizes at the Boston shows, a general assortment of other stock is grown. A good deal is sold at home, the balance being disposed of at the Park street market, Boston, of which Mr. Nicholson is one of the directors. Since the inception of the American Carnation Society he has been one of the strongest supporters. When the society met in Boston in 1895 his namesake, Nicholson, a fine, dark pink variety, was well shown. Several years ago he was elected to the presidency of the society, which position he filled with credit.

Mr. Nicholson is an active member of the S. A. F., C. S. A., American Rose Society, Massachusetts Horticultural Society and Boston Gardeners' and Florists' Club. He is also prominent in Masonic circles. His eldest son, William R. Nicholson, a stalwart who stands six feet three inches, is associated with him in the business and should make a worthy successor to the subject of this brief sketch when the latter decides that he has earned a sufficient competency to enable him to enjoy life more leisurely. We do not imagine, however, that such a day will ever come in a florist's life, any more than in that of our frenzied financiers.

W. N. Craig.

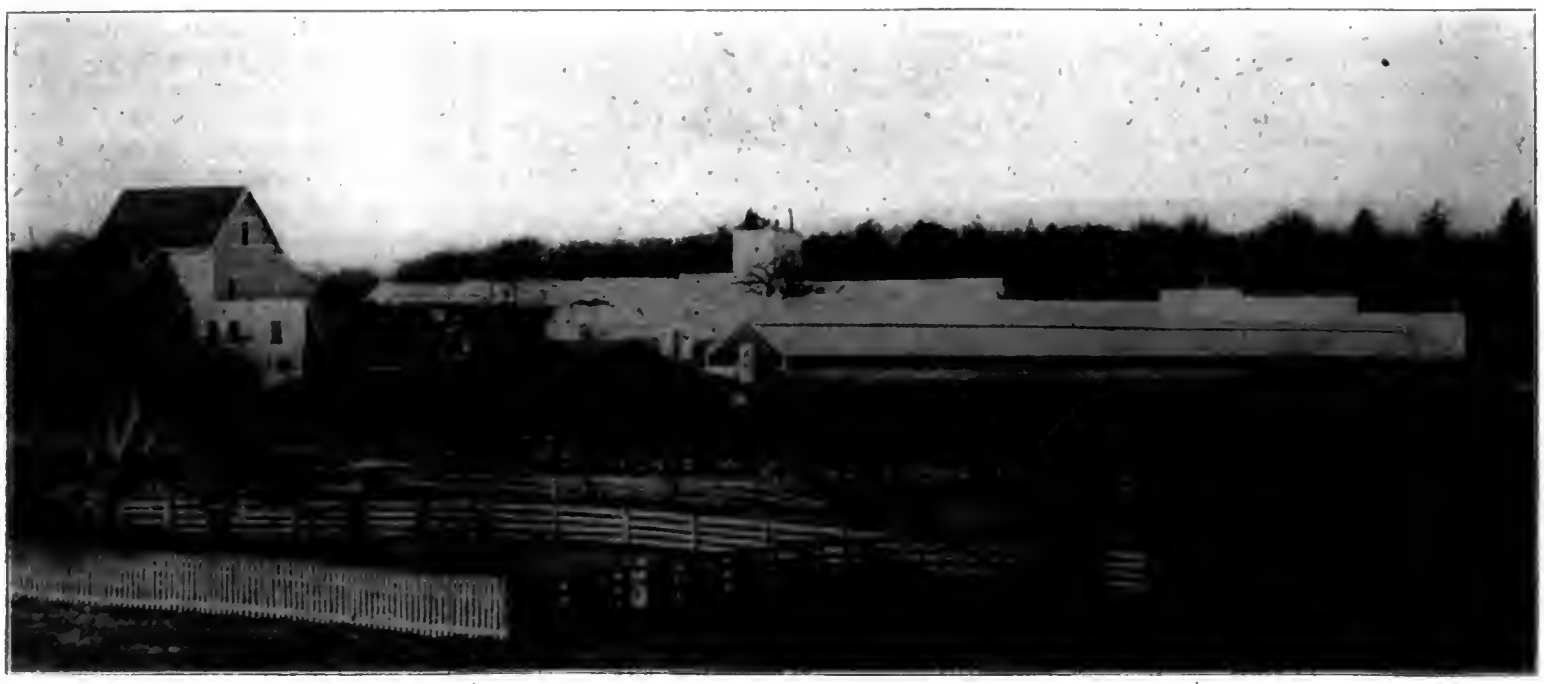
THE FADELESS FLOWER.

We are indebted to our esteemed contemporary, the New York Sun, for the information that it is upon his thornless cactus that Luther Burbank has developed his fadeless flower. Once upon a time there was a saying, "If you see it in the Sun it's so." We hope it may hold good in this case and shall wish that the cactus flower may perfume the desert air to ambrosial sweetness; but we haven't any other use for everlastings, except on women's bonnets.

SOCIETY OF AMERICAN FLORISTS.

On pages 99 and 100 of the proceedings at St. Louis, Mo., the remarks credited to William Dilger, of Detroit, Mich., should have been credited to F. P. Dilger, of Milwaukee, Wis.

Wm. J. Stewart, Sec'y.



Establishment of William Nicholson at Framingham, Mass.

Vegetable Forcing.

VEGETABLE MARKETS.

Chicago, Dec. 21.—Cucumbers, 50c to $1.15 doz.; leaf lettuce, 30c to 40c case; head lettuce, $3 to $4 bbl.

Boston, Dec. 20.—Cucumbers, $6 to $10 box; seconds, $3 to $4; mushrooms, 60c to 70c; tomatoes, 25c lb.; asparagus, $4 to $5 doz. bunches; lettuce, 25c to 50c doz.; parsley, 75c box; radishes, 30c doz. bunches.

TOMATOES.

What is the best tomato for forcing? When should the seed be sown to have them in crop by March 15? What is the method of culture? J. H. T.

If I were cut down to one tomato for forcing I think I would choose Lorillard, as it is a general well-doer, being less influenced by soil and location than some of the others. Stirling Castle and Best of All are also good varieties, the former being an extra free setter, though the fruit is smaller than that of Lorillard. You are too late now to sow seeds to have the plants in crop by March 15, as, under the most suitable conditions and with the best of care and attention, tomatoes require at least four months from the time of sowing until the plants are in full crop.

If it is important that you should have your crop ready for the above date I would advise you to procure plants now rather than wait for the seedlings. You ought to be able to get good, strong plants in 2¼-inch pots and by keeping them moved up and planted as soon as ready you should have no trouble in accomplishing your purpose. I see such plants of the Lorillard variety advertised in the issue of December 8 at $2 per hundred, so unless your house is very large it won't cost much to fill it.

Regarding cultivation, I can give but a brief outline here; to enter into details would take too much space. The seeds should be sown thinly in a rather light, free and finely sifted soil. This should be kept moist but not wet. After the seedlings are up and large enough to handle, prick over into flats at a distance of about two inches apart, using a rather richer soil than recommended for the seed pans. Shade for a few days until the plants have taken to the new soil, then gradually expose to full sunlight to keep the growth stocky. Before the plants begin to crowd one another in the flats they should be potted up into 2¼-inch pots. From this they can be moved into 5-inch and from this into the benches.

Raised benches are best for tomatoes and these should be about six inches deep. The best soil is a good, fibrous loam, well enriched with manure. A good proportion is three parts of soil to one of manure. But unless the soil is to stand for some time before being used it is important that the manure be pretty well decomposed. The addition of a sprinkling of bone meal is often advantageous but the necessity of adding this depends a good deal on the quality of your soil. Set your plants eighteen inches apart and train to a single stem. I like the double stem system, but by waiting for your plants to break and branch you would be losing time. By single stem I mean to keep all side shoots pinched off as they appear and concentrate all the strength in the one stem. As the flowers appear they should be pollinated by hand to insure a free set. During bright weather the shaking of the vines is often enough to distribute the pollen, but to make sure it is better to run over them with a camel's hair brush, choosing the brightest part of the day for the operation, when the pollen is dry and easier set free.

The points of your plants may be stopped when they are anywhere from four to six feet in length, but this, of course, must be regulated according to the height of your house. Tomatoes require plenty of water and when the fruit is set and the benches well filled with roots they can be materially assisted by frequent applications of liquid manure. The best temperature is from 60 to 65 degrees by night, with a rise of from 15 to 20 degrees by day, according to the brightness of the weather.

W. S. CROYDON.



Wm. Nicholson and His Vase of 100 Mixed Carnations.
(From a photograph at the recent Boston Exhibition.)

INDOOR GRAPERIES.

Varieties.

Like most other classes of fruit, there are too many varieties of Vitis vinifera, the species best adapted for indoor cultivation, though the good ones are really limited. The varieties are, I believe, entirely of European origin. None of the American growers seem to have become interested enough to try and raise new varieties, but when their cultivation comes to be more general, which I hope will be the case before many years, probably some of the more enterprising of our growers will turn their attention to this matter and do for the indoor grape what they have done for the outdoor species, for the apple, pear, plum, etc., and produce some varieties of American origin that will supersede anything heretofore introduced.

The selection of varieties will depend entirely on the season at which the grapes are to be forced. For an early house the more quickly maturing varieties will, of course, be necessary. For this the old stand-by, Black Hamburg, is easily the leader and, if a black grape only is wanted, I should say plant your house of this variety alone. With average care and attention to the ripening of the wood it is a sure cropper, a free setter and clean, healthy grower. It is of good size, both in bunch and berry, is easily colored and firm enough to stand shipping from California to Maine if properly packed.

If a white grape is desired the earliest is Buckland Sweetwater. Though this cannot be compared with the Muscat varieties for quality and flavor, it is nevertheless a good grape and where white and black are to be forced together in an early house it is better suited as a companion for Black Hamburg than are the Muscat varieties, as it matures at the same time and requires the same temperature and atmospheric conditions.

The Muscats require a higher temperature and neither bloom nor mature so early as Hamburg.

The Muscat varieties are all more or less what might be termed high class grapes and are handled to best advantage when grown in a house by themselves. One of their worst features is that they are all somewhat shy in setting. While it does not take long to run over the bunches with a soft brush and insure proper pollination, it is not so much in the lack of pollen that the trouble lies; it seems to be more due to the failure of the pollen to fertilize the flower. During the prevalence of bright weather a reasonably good set can usually be counted on, but if dull weather prevails the set is often disappointing. Light seems to play a very important part in this matter and I find that by tying back some of the leaves and exposing the bunches as much as possible to the light, a good set can usually be secured unless the weather is exceptionally dull during the flowering period. Muscat of Alexandria is one of the best white grapes we have. It produces a good, large bunch, with very large, firm berries of a distinct Muscat flavor. Bowood Muscat is so much like Alexandria that it is needless to grow both. Canon Hall Muscat, also white, is larger both in bunch and berry but more shy in setting and less desirable on that account. Muscat Hamburg is one of the best black grapes in this class. It may be a matter of taste, but for eating qualities I think it is the finest grape grown. Madersfield Court is larger in berry than Muscat Hamburg and is also a beautiful grape, but the berries are sometimes apt to crack when nearing the ripening stage.

For late grapery there is not a really good white with the necessary keeping qualities, but there are several good black varieties. Black Alicante is the best looking and easiest finished. Barbarossa makes the largest bunches, but Gros Colmar is the best keeper of the lot; in place of losing it improves in flavor by keeping, not being really good until after it has been kept for some time. This variety cut in December, when the falling of the leaves robs them of their natural shade, can be kept in good condition in a cool cellar until the following April.

Though there are some fifty varieties of Vitis vinifera more or less in cultivation the few enumerated are among the best for commercial purposes. Some of the others are good under certain conditions only, while some I do not consider worth growing under any conditions.

W. S. Croydon.



ROSES

SEASONABLE TREATMENT.

The ordinary care of stock during the short and sunless days of the next month requires a deal of forethought and skill to get the best results and he who would be successful must keep his thinking cap on most of the time. To induce crops to come at the time when there is the greatest demand and best prices requires some study and calculation, which should be based upon thorough knowledge of the quality of soil used and the constituents of your water supply, and your past observance of attending conditions.

Soils being so unlike in character in the different localities, it is not possible to give blanket advice as to the treatment of stock during the winter months so that each grower will have to be guided in a great measure by the quality of soil and water at his command. Where the soil is of a heavy, clayey nature there is less need of liquid feeding and more need of light and frequent mulching to keep the soil in the bench from cracking. If there is a deficiency of lime in the soil or water this should be added at frequent intervals. Where the soil is of a light, friable nature the mulching should consist of material containing large quantities of nitrogen, such as cow manure, and the liquid food should be made from the same material.

Wood ashes contain many of the elements necessary to the formation of robust growth and, if used with caution, aid materially in giving vigor to the plant. Bone meal, which contains about the proper amount of phosphorus and ammonia, can also be used with benefit but there is danger in using this in combination with other ingredients, such as lime, which will release these elements too rapidly.

To help hasten a crop it is often advisable to use nitrate of soda but as this is a very concentrated food and quick in its action it has to be used with great care. Using it once a week one pound is sufficient for fifty gallons of water at this season.

As the days begin to lengthen the quantities of feeding material can be increased but it is good policy to increase very slowly, as root action for some time to come is very sluggish and frequently there is considerable damage done to stock by being over kind to it at this season.

If crops are somewhat tardy during the dark weather it is safer to rather lower the temperature than raise it, as this calls for less water and keeps the plants from getting soft. While the cut may not be quite so large, the plants will gain in vitality and the quality of the cut will be better, the wood for a future crop will be of a better quality and, all things considered, the grower will be a gainer by the end of the season.

Ribes.

BEAUTIES LOSING FOLIAGE.

Please explain the theory of holding the foliage on American Beauties during continued dark weather in winter. I refer to young plants benched in four and one-half inches of soil in June, lightly top-dressed with cow manure two months later and given a little wood ashes in October and then a little bone meal in November. The plants have been bearing high grade blooms and look well. The temperature has been even and moderate, both day and night. Ventilation has been given whenever possible. The loss of leaves is entirely on the old wood. Also, does an increasing number of deformed buds, chiefly on the heavy shoots of these Beauties, indicate a deficiency in the soil? If so, what is the remedy? Reader.

Had this correspondent enclosed some leaves and buds for inspection it would have simplified matters, as I am in the dark without them. It looks very much like a case of black spot, from the fact that the trouble seems to be with the older leaves. Spray with a solution of carbonate of copper (cupram), using five ounces of the carbonate to three quarts of ammonia and sixty gallons of water. The spraying should be done once a week, using a very fine nozzle, taking particular care to wet every part of the plant. Also pick off all affected leaves and burn them.

The cause of deformed buds at this season is usually thrips. This can be ascertained by carefully dissecting one of the buds and keeping a careful watch for the insect, which is small and very lively and apt to escape observation. Light and persistent fumigation with tobacco fumes will soon reduce the number and if a small amount of red pepper is added the effect is sure extermination.

These malformations can also be brought on by overfeeding during dark weather. Ribes.

MOISTURE FOR DRACAENAS.

The beauty and value of dracænas consist, in a great measure, upon their retaining leaves down to the rim of the pot, and plants destitute of their bottom leaves exhibit proof that something is imperfect in their culture. This, it may be concluded, refers to comparatively young plants, as it is natural for old ones to lose their lower foliage. It is during the short days that plants are most likely to become disfigured in this manner, and it may be easily brought about by careless watering, either by keeping the soil too wet or too dry, while a free use of the syringe damages the young leaves, more particularly those of the light or highly-colored kinds. A light position is likewise essential to their well-being, and we find the best place for young plants is upon shelves near the glass, in a house commanding a night temperature of 60 degrees.—Gardeners' Magazine.

Peoria, Ill.—Frederick Morie, a florist at Glen Oak park, died December 15, of paralysis, aged 65 years.

Fort. Wayne, Ind.—W. J. & M. S. Vesey are preparing to add another very large house to their plant.

PRONOUNCING DICTIONARY

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Frequent inquiry as to the correct pronunciation of plant names has led us to compile the following list of names, selecting those in most common use in the trade, and including botanical terms most frequently met with in articles upon plant culture.

In our list we have used the following

KEY TO PRONUNCIATION.

a as in fat	e as in met	ō as in note
ā as in fate	ē as in mete	ö as in move
ä as in far	ė as in her	ô as in nor
â as in fall	i as in pin	u as in tub
ă as in fare	ī as in pine	ū as in mute
à as in Persia	o as in not	ù as in pull

The syllables to be accented are marked thus ′.

(CONTINUED FROM LAST WEEK.)

E

Echeveria—(ech-e-vē′ri-å).
Echinacea—(ek-i-nā′sē-å).
Echinocactus—(e-kī-nō-kak′tus).
Echinops—(e-kī′nops).
Elæagnus—(el-ē-ag′nus).
El Dorado—(el dō-rä′dō).
Elegans—(el′e-ganz).
Elliottianum—(el-i-ot-i-ā′num).
Encephalartos—(en-sef-a-lär′tos).
Endogen—(en′dō-jen).
Ensete—(en-sē′tē).
Entomology—(en-tō-mol′ō-ji).
Epacris—(ep′a-kris).
Epidendrum—(ep-i-den′drum).
Epigæa—(ep-i-jē′å).
Epigynous—(e-pij′i-nus).
Epilobium—(ep-i-lō′bi-um).
Epimedium—(ep-i-mē′di-um).
Epiphyllum—(ep-i-fil′um).
Epiphytal—(ep′i-fī-tal).
Epiphyte—(ep′i-fīt).
Epiphytic—(ep-i-fit′ik).
Erecta—(e-rek′tå).
Eremurus—(er-e-mū′rus).
Erianthus—(er-i-an′thus)
Erica—(e-rī′kå).
Ericaceæ—(er-i-kā′sē-ē).
Ericaceous—(er-i-kā′shius).
Erigeron—(ē-rij′e-ron).
Erinus—(er-ī′nus).
Eryngium—(ē-rin′ji-um).
Erythræa—(er-i-thrē′å).
Erythrina—(er-i-thrī′nå).
Erythronium—(er-i-thrō′ni-um).
Escallonia—(es-ka-lō′ni-å).
Eschscholtzia—(e-shōlt′si-å).
Esculentum—(es-kū-len′tum).
Eucalyptus—(ū-ka-lip′tus).
Eucharis—(ū′ka-ris).
Eulalia—(ū-lā′li-å).
Euonymus—(ū-on′i-mus).
Eupatorium—(ū-pa-tō′ri-um).
Euphorbia—(ū-fôr′bi-å).
Euryale—(ū-rī′a-lē).
Euterpe—(ū-ter′pē).
Exaltata—(eks-âl-tā′tå).
Excelsa—(ek-sel′så).
Exochorda—(ek-sō-kôr′då).
Exogen—(ek′sō-jen).
Exotic—(eg-zot′ik).

F

Fagus—(fā′gus).
Falcatum—(fal-kā′tum).
Farfugium—(fär-fū′ji-um).
Farleyense—(fär-li-en′sē).
Fasciate—(fash′i-āt).
Fastigiate—(fas-tij′i-āt).
Fatsia—(fat′si-å).
Ferruginous—(fe-rō′ji-nus).
Festuca—(fes-tū′kå).
Fiancée—(fē-on-sā′).
Ficus—(fī′kus).
Filamentosa—(fil-a-men-tō′så).
Filices—(fil′i-sēz).
Filicifolia—(fil-i-si-fō′li-å).
Filifera—(fi-lif′er-å).
Filipendula—(fil-i-pen′dū-lå).
Fimbriata—(fim-bri-ā′tå).
Fittonia—(fi-tō′ni-å).
Flabelliformis—(flā-bel-i-fôr′mis).
Flaccida—(flak′sid-å).
Flagellum—(flā-jel′um).
Flamingo—(flā-ming′gō).
Flammula—(flam′ū-lå).
Flava—(flā′va).
Flavescens—(flā-ves′enz).
Flora—(flō′rå).
Florida—(flō′rid-å).
Floriculturist—(flō-ri-kul′tūr-ist)
Floriferous—(flō-rif′e-rus).



George H. Hale.
(President Monmouth County Hort. Society.)

Florist—(flō′rist).
Fœmina—(fē′min-å).
Fœtida—(fē′tid-å).
Formosum—(fôr-mō′sum).
Forsterianum—(fôrs-ter-i-ā′num).
Forsythia—(fôr-sī′thi-å).
Fortunei—(fôr-tū′ne-ī).
Fourcroya—(fōr-kroi′å).
Fragrans—(frā′granz).
Fragaria—(frā-gā′ri-å).
Franciscea—(fran-sis′ē-å).
Francoa—(frang′kō-å).
Fraxinella—(frak-si-nel′å).
Fraxinus—(frak′si-nus).
Freesia—(frē′si-å).
Frittilaria—(frit-i-lā′ri-å).
Frutescens—(frö-tes′enz).
Fruticosa—(frö-ti-kōs′å).
Fuchsia—(fū′shiå *or* fōk′si-å).
Fugacious—(fū-gā′shus).
Fulgens—(ful′jenz).
Fungal—(fung′gal).
Fungi—(fun′jī).
Fungicide—(fun′ji-sīd).
Fungoid—(fung′goid).
Fungous—(fung′gus).
Fungus—(fung′gus).
Funkia—(fung′ki-å).
Furcræa—(fer-krē′å).
Fusiform—(fū′si-fôrm).

(To be continued)

WINTER FLOWERING PLANTS.

When the chrysanthemums are past their best one turns for something bright and cheerful to take their place, and during the dull months there are few colors more taking than scarlet or red. In years gone by camellias were all the rage, but these have now lost favor, as we must now have something less formal, and plants must be grown by the hundreds for decorative purposes.

Plants that were formerly considered too tender for ordinary use are now grown under different conditions, and on that account rendered more useful. For instance, poinsettias were treated as hard-wooded plants and now they are grown almost like annuals, cuttings being rooted during the summer in a frame, and these grown on during the summer without heat, keeping them sturdy until the autumn, when they are taken into a house with a temperature of from 55 to 60 degrees, and here they make heads of bracts from a foot to fifteen inches in diameter. To grow these well some little care is necessary. In the first place, the cuttings should be taken off with a heel of the old wood, when about three inches long. These should at once be dipped in fine sand, to prevent their bleeding. To prevent them flagging it is preferable to have the pots ready, so that the cuttings can be inserted and placed in the propagating case quickly. As soon as rooted they should be hardened off ready for a shift into larger pots, for if allowed to remain in their cutting pots the foliage is sure to fall. They ought to be grown in a cool pit, near the glass, during the summer and here they will grow sturdy, so that when introduced into heat in the autumn they soon commence to throw up their bracts.

The most useful of the euphorbias is jacquinæflora. Cuttings rooted in the same way as recommended for the poinsettias will do well, but they must, however, be given a trifle more heat during the growing season. If the pots are plunged in a slight hot-bed the plants will grow away freely, and make growths from two to three feet in length. When introduced into the stove in the autumn they should be grown in the full sunlight, when they will flower for the greater portion of their length.

Thyrsacanthus rutilans used to be a great favorite, its long, graceful racemes of flowers hanging down for a couple of feet or so, producing a pretty effect. Cuttings of the young shoots should be rooted in spring, and the plants grown on under cool treatment during summer. When taken into the stove house see that they do not suffer for want of moisture, and they will then well repay all the labor spent on them.

Clerodendron fallax, when well grown, is a very showy plant in winter. It may be raised either from seed or cuttings. If by the former method, seeds must be sown as early in the season as possible, so that the plants may have time

to grow to a good size. When cuttings are used these should be rooted in May, the plants being grown on in the same way as recommended for poinsettias.

Acalypha hispida is another bright winter subject that ought to receive special care. There should be no difficulty in working up a stock of this, as it roots freely from cuttings made of the young shoots in spring. Scutellaria moeciniana, and the scarlet bouvardias, are all useful winter flowering subjects, bright and cheerful, and requiring much the same treatment, and though of course, some grow much stronger than others. Many people fail to grow these things well because they are afraid to treat them liberally during their season of growth. For bouvardias to be useful the flower stems should be from fifteen to eighteen inches in length, and as thick as a lead pencil; they will then have heads of bloom that will stand erect when cut.—Gardeners' Magazine.

HELIOTROPES AS POT PLANTS.

This well-known plant is not so extensively cultivated as it deserves, and is very seldom seen grown in pots for winter blooming. The beautiful racemes of flowers, varying from white to a deep purple shade, and the delicious fragrance which they emit, make it very useful either for decorating purposes or cut flower work, and never fail to be a source of admiration from those who once see them at their best. The cuttings should be taken about September and placed six or eight thick in some fine, sandy soil in 48-sized pots and put under handlights on a hotbed, where they must be shaded from brilliant sunshine. If the cuttings are well watered when they are put in, an occasional syringing will suffice them till they are rooted, when they may be removed and placed near the glass in a warm, moist atmosphere with a minimum temperature of 65 degrees. While the plants are growing they require copious syringings of soft water, and on no account should they be allowed to become dry at the root.

When the plants are well rooted they may be potted off singly into 4-inch pots and carefully watered until well established, when they may be gradually worked into a cooler temperature, and afterwards placed in 6-inch pots, in which they are to flower. As the plants grow, all side shoots and bloom must be picked out, and when all fear of frost has gone they may be placed out of doors and sheltered for a time from cold and cutting winds, and when at heights varying from one foot to two feet they may be stopped, and as side shoots again appear, they must be picked out, leaving only a few at the top to form a head, which will give the plants a more shapely appearance. During the period in which they are out of doors they may be fed with artificial manures, and some soot water may also be used, as this imparts a good dark color to the foliage, and as bloom shows it must be pinched out.

About September the plants may be brought into a cool house and arranged in a group in which they are to flower, and when the bloom buds are well advanced all feeding must be discontinued and water administered carefully or the foliage will become yellow. When the weather becomes colder the ventilators must be drawn in, and the temperature should not be allowed to fall below 50 degrees, and as the flowers fade they should be removed to encourage the succeeding blooms to furnish the plants through the winter.—Gardening World.



J. Austin Shaw.



John Young.

The New Vice-President and Re-elected Secretary, New York Florists' Club.

Edgemoor, Del.—Nelson L. Talley has just completed the erection of a range of five houses, one 28x120, the other four each 28x75. He has them stocked with roses, carnations and a general line of pot plants, with Henry A. Fitzgerald, formerly with Joseph Kift & Son, West Chester, Pa., as grower.

Here is the dollar; we must have the Review; it pays.—T. G. Yale, Wellington, O.

THE PATH OF PROGRESS.



Luther Burbank, the wizard of horticulture, has perfected a fadeless flower.—News Item.

The horseless carriage whizzes by,
With puff and dash and slam;
Through every breath of ours may fly
A wireless telegram;
The seedless raisin on the plate
We joyfully devour;
Things are perfected while we wait—
Here comes the fadeless flower.

The coreless apple is announced;
The whipless school is here—
No scholar any more is trounced
By teacher kind and dear;
The scentless onion now is grown—
Improvement every hour
Into the scheme of things is thrown:
Behold the fadeless flower!

The jokeless comedy we see;
The tailless horse we drive;
The honey served to you and me
Comes from a beeless hive;
Buckwheatless buckwheat cakes we eat,
And gather strengthless power;
Some new thing every day we greet—
Observe the fadeless flower.

O, would they freeze some meltless ice;
Or make some footless gas,
Or furnish coal without a price—
Fate is unkind, alas!
Henceforth the maiden fair to see
Will grow reserved and sour,
And say: "Bring withered blooms to me—
No cheap old fadeless flower!"

—Chicago Tribune.

FRANK H. TRAENDLY.

President Traendly, of the New York Florists' Club, was born in Brooklyn some thirty-seven years ago. He was "to the manor born," his father having had a long experience in the florists' business. At the age of 16 years the son was gathering experience with Fred Donohue, on Fourteenth street, and later on West Twenty-seventh street, with Thos. Young, Jr.

It was in 1893 he ventured on the wholesale sea, forming a partnership with Charles Schenck, with whom, at 44 West Twenty-eighth street, he is senior member of the firm of Traendly & Schenck, wholesale florists. Here, in their new store, they conduct a splendid business.

Mr. Traendly's services to the New York Florists' Club during the past year received practical demonstration in his unanimous re-election to the presidency. No one holding the office has ever worked more indefatigably or made a better record. Every club meeting has seen increased interest. He has made his future responsibility no easy burden by the high mark set in 1904.

Secretary John Young was, of course, re-elected, as was Treasurer Weathered, both having served the club long and faithfully. The new member of the executive staff is J. Austin Shaw, vice-president.

Sparta, Ill.—H. O. Clendenin reports business very good, funeral work being heavy and cleaning up stock as fast as it is ready to cut.

Eureka, Ill.—Charles Snyder and C. E. Brady, who have been very successful growing lettuce the past two years, have gone into carnations.

NEW YORK.

The Market.

After Monday of last week the market declined until before the end of the week values had shrunken fully twenty-five per cent from the early quotations. The week before Christmas is always the dullest of the winter season. Dark, cold weather aided in the general depression. The supply of stock was not over-abundant nor the quality the best. With a continuance of the cloudy skies there seems no possibility of an oversupply for Christmas or any excuse for pickling, the market readily absorbing all the growers can send in from day to day. So far as consultation with those who dispose of the flowers can aid us, we estimate on another page the probable prices for Saturday of the present week. There is no good reason apparent why they should go higher and at these figures not a flower need be left unsold.

Everything now indicates a good, healthy, normal Christmas trade, with an abundance for all in the aggregate and universal cause among growers, wholesalers and retailers for a Merry Christmas.

The Plant Trade.

It has become fashionable of late years to designate the holiday as "a plant Christmas" and this will be no exception to the rule. Baskets and boxes and hampers and many novelties will do service, kettles, tripods, wooden shoes, mail pouches and the Russian green pompon designs in many a unique form will all be seen. Plants of oranges, ericas, hyacinths, primulas, cyclamens, poinsettias, Lorraine begonias, lilies, ardisias, orchids and azaleas will be most in evidence, while dracænas, araucarias and Scottii and elegantissima ferns, among plants, will be largest in demand.

Christmas Greens.

The supply of first-class holly is not abundant. The poor quality sells in the open market at just half the price of the legitimate, and is worth less than half. To those on the ground where examination of both grades is possible it is very easy to appreciate the difference, but the out of town florist cannot seem to comprehend it. Far better to give orders in advance at reasonable prices and secure the supply through the regular trade sources than to depend on the unsalable stuff that reaches the wholesale butcher and grocer commission man from anywhere and everywhere and is dear at any price.

There will be millions of galax used this year. Holly wreaths of immense size made to order by the wholesale green goods men sell as high as $5 each. None but first-class goods of this kind are now handled by the retail stores. To the butcher and the grocer has been passed over all the cheap trade in wreaths and stars and roping and all Christmas trees and, all things considered, it is a blessed relief to the average florist to escape the additional labor and risk entailed by this unremunerative trade.

Various Notes.

Stumpp & Walter Co. has purchased a trial ground farm at Dumont, N. J. This house is one of the most energetic and progressive in its line and is making rapid progress.

Ditzenberger Bros., who have been in the business twenty-three years at Bay Ridge, Brooklyn, will dissolve partnership in June, their property having been purchased by a real estate company. Twenty-one houses, about 25,000 square feet of glass, will be sold by auction at that time. Phillip, son of one of the brothers, is one of Ghormley's lieutenants on West Twenty-eighth street.

M. Limprecht has opened a Christmas branch, where he is handling all kinds of evergreens, at 38 West Twenty-ninth street, Geo. E. Bradshaw being in charge.

Dice & Co. is another green goods house having a throw for Christmas trade at 30 West Twenty-ninth street, occupying a part of W. H. Gunther's wholesale quarters.

Jos. Fenrich is sending out a handsome Christmas calendar.

Chas. Feast, of Baltimore, was in the city last week.



Frank H. Traendly.
(Unanimously re-elected president of the New York Florists' Club.)

Bowling.

The New Yorkers who visited Madison, N. J., last week were very hospitably entertained and badly beaten. Here is the score:

Madison.	1st	2d	3d	T'l
Herrington	189	165	163	517
Duckham	145	195	138	478
Connors	131	198	147	476
Plach	161	157	136	454
Keating	162	167	113	442
Totty	149	108	140	397
Totals	937	990	837	2764
New York.	1st	2d	3d	T'l
Burns	122	149	151	422
Kessler	125	153	124	402
Manda	138	114	149	401
Fenrich	105	134	145	384
Holt	117	136	112	365
Guttman	93	114	107	314
Totals	700	800	788	2288

The bowlers made the following scores December 19:

Player.	1st	2d	3d	4th	5th
Manda	150	132	125	137	171
Fenrich	125	132	143	138	142
Holt	124	114	131	107	
Siebrecht	126	148	122		
Burns	154	153			
O'Mara	118	181			
Guttman	175	127			
Shaw	126	148			
Burns, Jr.	123	154			
Siebrecht, Jr.	120	92			
Bach	103	130	134	116	
Sampson	98	117	157	118	
Donlan	107	153			

J. AUSTIN SHAW.

BEGONIA GLOIRE DE SCEAUX.

Among winter flowering begonias this variety possesses distinct characters, both in the habit of its growth and the color of its foliage, and these attributes, apart from its great value as a flowering plant, are sufficiently good to secure for it general cultivation. When grown during the summer, with liberal rooting space, and under warm stove conditions, it forms large specimens, too large really for general use, though we have found plants of this description valuable for grouping. Plants for ordinary purposes are best grown in a cooler temperature, and when they are coming into bloom it is especially undesirable to subject them to a high temperature, as this would shorten their flowering season. They are most satisfactory when placed, while in flower, in a warm, moderately dry and light position, and given weak supplies of liquid manure. Care should be taken to keep the stems well secured to stakes, otherwise the plants may be greatly damaged, owing to the weight of their heads.—Gardeners' Magazine.

HOLIDAY FANCIES

We have goods in novel styles, just what the **Holiday Trade** demands.

We have new ideas in **French Baskets**, very stylish and pretty. Our **Rainbow Baskets** are charming, the colors blending harmoniously.

In **Wreaths** the latest ideas are the Fancy Cycas Wreaths with red, bronze, silver and gold finish.

We also have pleasing effects in **Beech, Magnolia and Laurel** with flowers, or plain Ruscus Wreaths, like Smilax, and **Beaded French Wreaths** with bright finish, are both choice for the decorator.

We have **Light Folding Screens**, very useful.

Bamboo Plant Stands, beautiful Rainbow Pot Covers, New Crepe Papers and a variety of handsome Vases.

We lead in **STANDARD SUPPLIES**, Fresh Cape Flowers of every color, Plain Wreaths and Leaves of Cycas, Flat Baskets, Wheat Sheaves, etc. We wish all our friends a Merry Christmas and a Happy New Year.

H. BAYERSDORFER & CO.

THE Florists' Supply House of America.
50, 52, 54 and 56 North Fourth Street, PHILADELPHIA.

Mention The Review when you write.

PHILADELPHIA.

The Market.

The market is in a very uncertain condition at the present writing. Business in the stores is quiet, all interest being centered in the last two days of this week. There is a little shipping of the better grades of stock to outside cities, but beyond that the wholesale houses are not busy. Today's price-list is, of course, useless for Friday and Saturday. Indications point to higher prices than last year on choice red roses and carnations. The cold, stormy weather of the past two weeks has retarded the crops and it is feared in consequence the quantity of poor flowers will be large. The consensus of opinion is that fancy American Beauties will bring $12 to $15 a dozen, with the lower grades in proportion, and that all will be rather scarce; that Liberties will bring about the same price as last year, with a fair supply in sight; that good Maids and Brides will be scarce at 20 cents, a few higher, but the bulk of the stock will range from $15 down; that good red carnations will be extremely scarce; that Enchantress and other fancies will be in fair supply at $10 to $12.50, the ordinary grades, the standard varieties, being pretty plentiful at from $3 to $4, the gap between these prices being filled by the select sorts at from $6 to $8.

Poinsettias will be abundant and very fine. Valley will be in splendid quality and so plentiful that late orders on Saturday and Sunday are pretty sure to be filled. Chrysanthemums, except a few odd lots, are over. Violets will be in moderate supply, with the doubles at $1.50 to $2, singles at $1 or more. Orchids, except cypripediums, will be scarce and greens of all sorts plentiful.

The Plant Trade.

Large wholesale firms which make a specialty of foliage and flowering plants for Christmas report a satisfactory business for the holidays. The Henry A. Dreer Co. said this week that their business, chiefly in palms and ferns and other decorative plants, was about equal to last year, with orders coming in nicely. Charles D. Ball's view of the situation was very much the same, while Joseph Heacock's business in kentias was larger this month than his palm business any previous December. Robert Craig & Son report a good demand for Gloire de Lorraine, cyclamens, azaleas, ferns and single plants of poinsettias, Dracæna terminalis, Bougainvillea Sanderiana, also some very nice combinations of plants of dracænas and ferns and poinsettias, pretty nearly cleaning up on everything. Wm. K. Harris experienced an excellent demand for his very choice collection of holiday plants, which included Ponderosa lemons very well colored, buttercup primroses in from 4-inch pots to 12-inch pans, gardenias and an assortment of almost every foliage plant, Aucuba Japonica, etc. John & W. H. Westcott include among their Christmas specialties some very handsome Gloire de Lorraine.

Various Notes.

Bayersdorfer & Co. are very busy, reporting splendid demand for their advanced ideas in holiday novelties.

M. Rice & Co. have shipped immense quantities of Christmas supplies and say that business is exceptionally good.

J. Stern & Co. have their windows filled with some very well done artificial plants, chiefly caladiums. Caladium argyrites look particularly natural.

Alphonse Pericat was arrested by his former employer, George B. Wilson, on the charge of stealing some pipe and the book containing notes of his orchid experiments. The defendant stated that he had not taken any pipe and that the book was his private property. He had offered the plaintiff a copy. The defendant was released.

W. A. Leonard, whose Brides and Maids were planted as late as September and who has in consequence had but few good roses till now, is sending some very choice blooms to S. S. Pennock.

Fred Ehret went out on Monday to Doylestown to see John F. Andre. He reports Mr. Andre's Brides and Maids as second to none coming into this market, his place being in very fine shape.

Wm. J. Muth reports that the Cut Flower Co. has received a large shipment of green and bronze galax and green and bronze leucothœ leaves. The company anticipates a good stock of cut flowers for the Christmas orders.

Edward Reid is developing a good trade for his Hudson river Marie Louise violets.

A. J. Pennock is sending his brother some special valley which is over a foot in length.

The pretty new Mergenthaler store and conservatory in Germantown is now in active operation.

The Henry F. Michell Co. is doing a good business in greens for Christmas.

Berger Brothers have received a good shipment of galax leaves. They are making a specialty this week of winterberry for church decoration.

B. Gibbs states that E. Bernheimer is receiving some giant daisies and Paper White narcissi.

Last Friday Wm. J. Baker received what are thought to be the first single daffodils of the season.

The Strafford Flower Farm is cutting great quantities of choice carnations this week, among them a good proportion of crimsons and scarlets.

Hope you'll have a splendid Christmas.

PHIL.

CHICAGO.

The Market.

The week opened with little doing in the line of city trade, but with a first-class country demand. The situation Monday and Tuesday might be summed up by saying that there was little stock in the market but sufficient for requirements. The Christmas orders from out of town were coming in heavily Monday and Tuesday and at this writing the prospects are for a record-breaking Christmas business. A week or ten days ago the city buyers all wanted to leave orders for Christmas stock, but prices deterred them. As one leading retailer expressed it, "You couldn't so much as look at a wholesale man. If you broached the matter of leaving a Christmas order with him he waved you away as though he hadn't any use for business." But the out of town buyers have not been deterred by high prices and now the city people are assuring themselves of a certain proportion of their needs. Many of them are of the opinion, however, that Saturday afternoon will see the market weaker than at any other time this week and are taking their chances.

It is true that prospects are for larger supplies of stock than have heretofore been anticipated but it is an absolute certainty that the good material will be far short of the requirements. There are likely to be enough flowers of intermediate grades to supply all orders on which this character of material can be used and it would not be at all surprising if some of the large quantities of low grade material which are sure to be sent in toward the latter part of the week fail to find a satisfactory market. While prices on strictly first-class material will be as high as ever before in this market, the average will be nothing to brag about because of the quantity of poor stock.

BEAUTIES Choice Quality Large Supply

Also Choice Roses, Carnations, Violets.

Send me your late telegrams and you will get the stock if it is to be had in Chicago. No house is better equipped to be entrusted with your interests.

BEST WILD SMILAX ALWAYS ON HAND.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones { 1978 and 1977 Central. 7846 Automatic.

AMERICAN BEAUTY,	Per doz.
30—36-inch stem	$10.00 to 12.00
24-inch stem	9.00
20-inch stem	8.00
15-inch stem	6.00
12-inch stem	4.00
Short stem	1.50 to 2.00
	Per 100
Brides and Maids	$8.00 to $18.00
Meteors and Gates	8.00 to 18.00
Chatenay	8.00 to 25.00
Carnations	4.00 to 5.00
" large and fancy	6.00 to 10.00
Poinsettias, doz., $3.00 to 5.00.	
Violets	2.00 to 3.00
Valley	4.00
Callas per doz., $2.00	
Paper Whites, Romans	3.00 to 4.00
Asparagus, per string, 35 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns per 1000, $2.00	.25
Galax per 1000, $1.25	.15
Leucothoe	.75
Adiantum	1.00
Adiantum Croweanum	1.50
Smilax, per doz., $1.50	10.00
Wild Smilax, 25 lb. cases	3 00
" " 35 lb. cases	4.00
" " 50 lb. cases	5.00

Subject to change without notice.

Mention The Review when you write.

Medium length Beauties are likely to be the greatest shortage, red carnations next, followed by Liberty roses. Maids are likely to about fit the demand, with plenty of Brides and plenty of white carnations and bulbous stock, although callas and Harrisii will be hard to find if the supplies received early in the week are any indication. Good violets will do well but Campbell is not wanted.

A Florists' Building.

The wholesale florists in Chicago occupy much more expensive quarters than are really required and many of them would like additional room but can not get it, even by paying a good price without moving out of the present center, which they hesitate to do. At one time the Kennicott Bros. Co. thought of going around on Lake street, where there were some good stores then offered at bargain prices, but their landlord returned to reason before they closed the deal. Had they gone the whole market might by now have shifted and it is likely to do so at any time if one or two break away, although it must in justice be said that the present location is an ideal one from the buyers' point of view. Last spring there was talk of getting someone, possibly Peter Reinberg, or to organize a stock company, to put up an ideal building exclusively for florists' use, and get all the wholesalers into it. But we were not quite ready for this and the idea died "abornin'." But something in the line of a definite proposition is likely to be offered soon by parties who have what they think is a suitable building.

Various Notes.

E. E. Pieser, of Kennicott Bros. Co., says that their orders for Christmas are coming from greater distances than ever before in the history of the house. They have many shipments going out to Oklahoma and the southwest and some as far into the northwest as Idaho. G. H. Pieser is again at his desk after ten days in the hospital.

The Flower Growers' Market now has two telephones, one for incoming and one for out-going calls.

The Benthey-Coatsworth Co. is now handling large supplies of Hudson River violets of first-class quality. Their Maids are great.

E. A. Kanst has been granted a patent on his dormant sod and the process for making same.

M. F. Kyle, who for some years has been in charge of the Dunkley Floral Co. greenhouses at Kalamazoo, has retired from active service and is making his home with his son. Will Kyle, of the Kennicott Bros. Co., of this city.

Two years ago Peter Reinberg did more business with Liberty than any other rose on his place. Last year his success was not so good, but this year it promises to be duplicated. His crop struck Christmas just right.

The George Wittbold Co. has bought 300 boxes of glass, intending to add two large houses to the five which now constitute their range at Edgebrook. The work will be begun in the early spring.

George Wienhoeber is in the hospital with stomach trouble, sentenced to six weeks of absolute rest and a ration of five quarts of milk each day.

The F. Blondeel Co. has a fine lot of Boston ferns at its stand in the market.

Robert Northam, formerly with M. Winandy, has started a retail place for himself on the west side.

The E. F. Winterson Co. has had some very fine holly this week.

L. Coatsworth returned last Saturday from a week's trip to New York. He reports everybody in that market wearing an air of prosperity.

J. A. Budlong is cutting very fine Meteor but is thinking of reducing his planting next year to make more room for Chatenay. He is doing finely with carnations.

Wietor Bros. have a big cut of Red Bradt, which is hard to beat as a Christmas flower.

E. C. Amling thinks the shortage of Beauties has been overestimated. He says his growers have sent him very encouraging reports the past week.

Visitors: E. J. Fancourt, representing S. S. Pennock, Philadelphia; F. G. Borden, Milton, Wis.

OMAHA, NEB.—Everything points toward a very successful holiday trade this year. The weather conditions have been perfect thus far, with a good cut of roses and carnations in view. There will probably be a shortage in blooming plants, as few azaleas are in evidence as yet. Plants selling best to date are Begonia Gloire de Lorraine and Boston ferns. Palms seem to be out of the running.

WE think the REVIEW our best publication.—W. J. MILLER & SON.

BOSTON.

The Market.

The customary holding back of supplies prior to Christmas was very noticeable the past week. Especially true was this with earnations, which were in quite short supply and many more could have been sold. It is hoped that too much of the pickling process will not be carried out, or results will be as usual, disastrous in some lines. Present indications point to an excellent Christmas trade, with none too much stock to go around unless too much holding back is done.

Prices on Beauties show a hardening tendency, $60 per hundred being paid for first-class stock at the wholesale houses on December 17. At the Park street market $40 was obtained for 20 to 24-inch stems. Liberty and Chatenay are selling remarkably well. Some extra select Brides and Bridesmaids have brought $16. Carnations are not much changed. The best stock sells at $4 to $4.50, a few bringing $5. Violets have been quite scarce. Good Princess of Wales brought $1.50, ordinary stock $1. Paper Whites and Roman hyacinths are, as usual, about the only druggy things on the market. Trumpet Major narcissus has appeared, grown by Mann Bros., Randolph. These sold at 75 cents per bunch. Lilium Harrisii is coming in more plentifully. Very few growers are sending cut poinsettias. At the new market $50 per hundred has been secured for extra fine braets. Mignonette is selling much better, going as high as $10. Very little of the Christmas greens are seen in the market, these being handled mainly by the large commission houses and specialists.

Welch Bros.

One of the busiest places in Boston of late has been Welch Bros.' emporium on Province street. The firm does an immense shipping trade in cut flowers, Christmas greens and sundries and carries a high class of goods. The holly and mistletoe handled this year is extra well berried. In greens P. Welch stated that the demand for box was extra large. He expressed surprise that people had not caught on to this fine evergreen earlier, as nothing is finer for wreaths and festooning. Trade has been very satisfactory up to date and will exceed previous years' records.

WHITE LAWSON

Which we introduced last season has given great satisfaction, and has proved to be

THE FINEST WHITE CARNATION EVER SENT OUT

Remember that we are headquarters for it. The demand will undoubtedly exceed the supply this season, and in order to secure early delivery, no time should be lost in placing order. We are now booking orders for early January delivery. Orders will be filled strictly in rotation, as received, so the earlier orders are booked, the earlier deliveries can be made. We can supply

First-class strong rooted cuttings, $7.00 per 100; $60.00 per 1000.

Also all the other novelties of the season, **FIANCEE, CARDINAL, FRED BURKI, etc.**

Also the cream of the older sorts, **Mrs. M. A. Patten, Daheim, Enchantress, Flamingo, Mrs. Thos. W. Lawson, etc.**

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

Mention The Review when you write.

In cut flowers Welch Bros. are noted for their roses, especially American Beauties. The finest of these are coming from Carl Jurgens, Newport, R. I. Hundreds just received carried three to four foot stems. Some remarkably fine Queen of Edgely were also noted. Mr. Welch says buyers are now eager to snap up this flower. Mme. Abel Chatenay, Brides, Maids, Golden Gates and Liberties were also extra good, those from S. J. Reuter, Westerly, R. I., and Robert McGorum, Natick, Mass., being among the best. F. A. Blake, Rochdale, Mass., is shipping very fine Prosperity carnations, also some good seedlings. Mr. Welch stated that he had written his shippers, above all things, not to try the pickling process on Enchantress, as it goes to sleep as soon as taken from the ice box. Violets, orchids, poinsettias, lilies and all other choice seasonable flowers are carried in quantity by this enterprising firm.

Various Notes.

T. J. Grey has returned from a visit to New York, incidentally calling on some of the gardening acquaintances on the Hudson.

Worcester Conservatories are shipping very fine Beauties to the Park street market. Budlong, at Providence, is forwarding gilt-edged stock of Brides and Maids.

W. E. Doyle is displaying some beautifully berried English hollies and aucubas in pots and tubs at his Beacon and Boylston street stores.

E. McMulkin had a very pretty red window the past week. Red roses and carnations with ardisias, solanums, aucubas and other berried stock made a pleasing arrangement.

Mrs. F. J. Lake, wife of the well known Wellesley florist, is quite seriously ill, but was reported a little more comfortable this week.

B. F. Washington, of North Stoughton, had the misfortune to have his boiler burst on the evening of December 16, when we had a temperature 5 degrees below zero. Use of lamps, oil stoves and other improvised heaters kept the temperature up to about 32 degrees but much stock was frozen. Mr. Washington has been bringing in some nice stock to the new market. We trust he will soon recover from this loss.

John Streiferd & Sons, of Weymouth, are shipping a nice lot of Cypripedium insigne and white violets to the new market.

The plant committee of the Horticultural Society visited W. B. Arnold at the Rockland Greenhouses on December 13, to view his house of Variegated Lawson and were surprised and delighted at the superb lot of plants Mr. Arnold showed them. The plants were simply a sheet of bloom and no supports were necessary, stems long and strong and not a burst caylx to be seen. This sport has a delightful fragrance and seems to be the best striped carnation in sight. The committee were entertained at lunch by Mr. Arnold and spent a very pleasant afternoon.

A recent call at the greenhouses of Mount Hope cemetery, which is in charge of James Morton, showed that the recent additions make the greenhouses among the finest in this section. While bedding stock is principally handled, some other interesting plants were noted. A batch of finely grown Dendrobium nobile will soon be in bloom and promises a wealth of flowers. A basket of Lælia anceps carrying fourteen spikes denoted very good culture.

Wax Bros. are showing some very fine Enchantress and Flamingo carnations grown by G. E. Buxton.

Backer & Co. and Geo. E. Buxton are shipping superb Enchantress carnations to the Park street market.

Peter Fisher is sending some magnificent blooms of his new white seedling carnation to Galvin.

Houghton & Clark are showing some extra well flowered Erica hymalis.

Part 1 of the "Transactions of the Massachusetts Horticultural Society for 1904" has just been mailed to the members. It is a book of over 200 pages and includes full reports of all lectures and discussions during the early part of 1904. In addition there is an exhaustive and excellent article on peony culture by R. T. Jackson, also a long and interesting article on John Richardson, his house and garden, by the same gentleman. These articles should be in the hands of every peony lover. To add to their interest they are beautifully illustrated.

The weather has remained steadily cold during the present month. About a foot of snow fell on December 18. A serious deficiency of water is reported from many sections of New England, springs being almost dry and streams very low.

In point of attendance and interesting exhibits the Gardeners' and Florists' Club meeting of December 20 was probably the best ever held. A full report must be held over until our next issue. An account of the field day at Framingham will be found elsewhere in this issue.

In notes in last issue mentioning prizes to be offered by new market, the word "included" should read "excluded" in regard to the red rose class.

W. N. Craig.

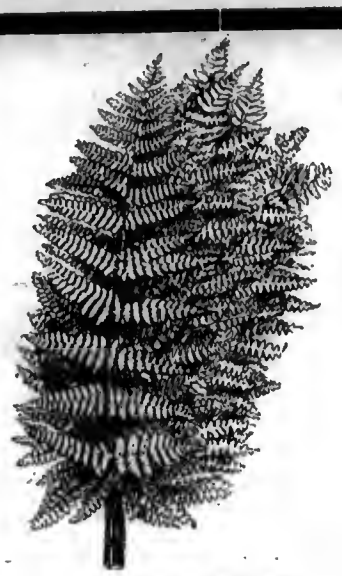
SOW BUGS.

I will give you my way to get rid of sow bugs in greenhouses. My houses were so badly infested with them that they destroyed all blooms they could reach. By holding a light under the bench at night you could see many of them running in every direction. I took twenty-five pounds of bran and shorts mixed, one pound of London purple and five pounds of soft sugar and mixed all thoroughly together and then sprinkled it along the edges of benches, under the benches and near all the posts and I can tell you it did the work in one night. Now there is not one to be seen at all. This amount will be enough for four houses 100 feet long all winter, as it takes very little of it to do the work.

Wm. B. Lovell.

CATALOGUES RECEIVED.

J. D. Thompson Carnation Co., Joliet, Ill., carnation cuttings; S. W. Marshall & Son, Fresno, Cal., plants; J. Balme & Co., Mexico City, Mexico, orchids and cacti; Chas. H. Totty, Madison, N. J., chrysanthemums; Rees & Compere, Long Beach, Cal., bulbs.



Headquarters For **Holiday Greens and Florists' Supplies**

HOLLY, best in the market, $5 and $6 per case.
WILD SMILAX, $4 and $7 per case.
BOX GREEN, $18 per 100 lbs.
HARDY FERNS. Fancy, $1.50 per 1000. Dagger, $1.00 per 1000.
GALAX, New Crop, Green and Bronze, $1.00 per 1000.
LAUREL. Wreaths, $2.00 per doz. and upward. Festooning, 5c and 6c per yd.

HENRY M. ROBINSON & CO.

Long Distance Telephone MAIN 2618. **8 and 11 Province Street, Boston, Mass.**

ROSES CARNATIONS

We produce First Grade Stock in such great quantities that we Can fill shipping orders for Select Stock at any time.

AMERICAN BEAUTY—		
Extra long stem	per doz.,	$12.00
36-inch stem	"	10.00
30-inch stem	"	9 00
24-inch stem	"	8.00
20-inch stem	"	6.00
18-inch stem	"	5.00
15-inch stem	"	4.00
12-inch stem	"	3 00
8-inch stem	"	$1.50 to 2.00

Bridesmaids	per 100,	$8.00 to 15.00
Bride	"	8.00 to 15.00
Golden Gate	"	8.00 to 15.00
Chatenay	"	8.00 to 15.00
Liberty	"	8.00 to 20.00
Meteor	"	8.00 to 20.00
Carnations, good	"	5.00 to 6 00
" fancy	"	8.00
" extra fancy	"	10.00

Chrysanthemums, white, per doz., $2.50 to $3.00.

All other stock at lowest market rates—No charge for packing. Prices subject to change without notice.

WIETOR BROS.

51 Wabash Avenue, ...CHICAGO.

AT THE SIGN OF JACKSON TRADE MARK

A DAILY SHIPMENT FROM 40 TO 50 GROWERS

Our Specialties for Christmas—We will have a fine line of **Poinsettias, Fancy Eastern Violets, Fancy Maids, Brides and Liberties,** as well as good supplies of **Beauties. Carnations** in all grades. Bulbous Stock, "Greens," Christmas Berries, Pepper Boughs, etc., etc.

CHICAGO MARKET QUOTATIONS

If you did not fully anticipate your wants, **Telegraph or Telephone.** You will find us alive and with your interest at heart. Current price list for the asking.

E. F. WINTERSON CO. **45-47-49 WABASH AVE., CHICAGO**

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

WHO said onion seed was scarce?

THESE are strenuous days for the belated catalogue builders.

TWO new peas are to be introduced by Leonard Seed Co. the coming spring.

BOTH red clover and crimson clover are very firm in price, owing to stocks under the normal.

FRANK W. MAAS has become secretary and manager of the Planters' Seed Co., Springfield, Mo.

H. Nungesser & Co. are recommending Festuca pratensis, the meadow fescue, for more general use.

CROCUS were in good demand in Holland at the close of the shipping season, many sorts being scarce.

MARTIN J. SUTTON, senior of the well known firm of seedsmen, Sutton & Sons, is now mayor of Reading, England.

ROGERS BROS., of Chaumont, N. Y., have distributed to the trade a handsome framed picture of their new pole bean, Golden Carmine.

W. W. JOHNSON & SON, Boston, England, offer the new Emerald Isle kale, spoken highly of by those who have seen it growing at their trial grounds.

ALREADY Wardwell's kidney wax beans bring $10 per bushel, Longfellow's are taken at $8, Stringless Green Pod and Valentine easily bring $6. These are startling prices so early in the season.

IT looks as though the trade must switch back to old-fashioned varieties of beans this season. Mohawks, Six Weeks, Best of All, Currie's Wax, Violet and Scarlet Flageolet are not yet among the scarce varieties.

THE loss occasioned by fire at Oceana, Cal., which destroyed the warehouse of the Routzahn Seed Co., will hit some of the seed houses hard as the bean stocks burned up are among the most important kinds. The government will also be loser of some rare varieties of pole beans, as it is understood that it had a contract for these with the Routzahn Co.

ROUTZAHN SEED LOSS.

A telegram from the Routzahn Seed Co., dated Oceana, Cal., December 16, said:

Our seed house burned last night; all tomato except Crimson Cushion and Ponderosa, with all other surplus seeds, a total loss.

This has since been supplemented with information that the loss on beans includes twenty tons Kentucky Wonder, twenty-five tons Lazy Wife, three tons Cut Short, six tons Horticultural, five tons Southern Prolific, four tons White Creaseback, two tons Scarlet Runner and four tons Black Wax.

WE esteem the REVIEW very highly for its Seed Trade News.—BINGHAMTON SEED CO., Binghamton, N. Y.



DIAMOND JOE SEEDS

We are the Largest Wholesale and Retail Seed Corn growers in the world. Ship in ear or shelled. We also do a general mail order seed trade in all the best varieties of Farm, Garden and Flower Seeds worth planting. In addition we handle the best grade of nursery stock to suit critical buyers. Our large illustrated seed and nursery catalog and farm guide free if you mention this paper. A postal card will bring it, write to-day. Address.

WESTERN SEED COMPANY Shenandoah, Iowa.

Mention The Review when you write.

LEONARD SEED CO.

WHOLESALE SEED GROWERS

ONION SETS

79 and 81 East Kinzie Street, CHICAGO

Mention The Review when you write.

Burpee's Seeds Grow

LONG ISLAND CABBAGE SEED

AMERICAN CAULIFLOWER SEED

And other Special Seed Stocks.

Francis Brill - Grower,

Hempstead, L. I., New York.

Mention The Review when you write.

RALPH M. WARD & CO.

Exporters and Importers

17 Battery Place, NEW YORK

Horseshoe Brand. **Bulbs, Plants.**

Valley our Specialty Cold Storage Pips Always on Hand.

Mention The Review when you write.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.

TRY THEM.

Cushman Gladiolus Co.

SYLVANIA, OHIO.

Mention The Review when you write.

SEA WEED AS MANURE.

In the Channel Islands seaweed is regularly gathered in large quantities and spread over the potato fields, and the farmers there find it a most valuable manure. It is either scattered on the ground fresh from the sea or burnt in kilns, and the ash used instead of the raw material. At the seaside in this country seaweed is often brought up from the beach in carts and spread over the land, with very good result as regards the corn, but no effort has hitherto been made to burn it in a kiln. Surely this could be done without much difficulty and with great advantage to the public, for in this form iodine manure could be put upon the market for the use of gardeners. Of course, the object of burning the seaweed is to get rid of the smell, and to enable it to be kept in a portable form so it could be put up in barrels for wholesale use and in tins for selling in small quantities. There are many places along the coast where the industry could be started—anywhere, in fact, where seaweed is plentiful and the expense of tinning would not be great. We should thus gain an excellent fertilizer, which is, moreover, said to be particularly good for roses.—Gardeners' Chronicle.

TABLE DECORATIONS.

No hard and fast rules can be laid down for table decorations, so much depends upon the size of table, and what it contains; sometimes it may be so crowded that little room is left for other decoration. It sometimes happens that ornaments, lamps, etc., are so arranged that it is difficult to make a satisfactory decoration. Whatever may be used, let it be in as light and graceful manner as possible. Tracings are better, as a rule, in curves and scrolls, although straight lines are sometimes admissible by way of a change. It is difficult to say how a table should be decorated; in any case, very much depends upon the taste of the decorator. It is surprising what different designs and ideas present themselves to one who has had a little experience of this kind of work.

A table may frequently be made to look very nice in a very short time, and with little material. It is scarcely necessary to say that leaves and fruits cannot be so lightly arranged, or made to look as graceful, as more choice flowers and foliage. Short sprays of common bramble, used in the green state, are very suitable for tracings, especially on a large table. Small sprays of the common box also look well. Ivy is a general favorite, and may be used for this purpose. It is best procured from old trees, where it can be generally found with small, wavy sprays and small leaves. It can also be used when in fruit. The branchlets of that graceful conifer, Retinospora filifera, I have sometimes used for tracing, and it looks very well. In using this green material for decorating, flowers of some kind, such as chrysanthemums, should be set up in vases of suitable sizes.—Gardeners' Magazine.

A UNIQUE DISPLAY.

It isn't too much to say that J. Walter Howard, Summerville, Mass., has evolved

Two Grand New Asters

Benthey's White
Benthey's Pink

The Seed of the Two Varieties will be ready for distribution January 1, 1905.

PRICE LIST

TRADE PACKAGE	$1 00
¼ OUNCE, White or Pink	2 50
½ OUNCE, " "	4 50
1 OUNCE, " "	8 00

For further information write

The Benthey-Coatsworth Co.
35 Randolph St., Chicago.

Mention The Review when you write.

Headquarters for GLADIOLI

Over 100 acres under cultivation during the past summer.

Unquestionably we have the largest and finest stock in existence, from which we supply the world.

Write for SPECIAL PRICES on large quantities.

Wholesale Catalogue of **GLADIOLI** and other Summer Flowering Bulbs mailed free on application.

John Lewis Childs,
FLORAL PARK, L. I., N. Y.

Mention The Review when you write.

Asparagus Plumosus Nanus Seed

Our own growing, just ripening. 100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $4.00. Address

B. H. Haverland, Pleasant Run, Ohio

Mention The Review when you write.

the most unique and spectacular Christmas display ever seen in Boston or vicinity. Not an indoor show is it, but one outdoors, where it is entirely appropriate to the season. On the sloping roof of his store on Broadway, near Marshall street, are three large reindeer galloping up the steep incline, and drawing a sleigh in which sits Santa Claus loaded down with Christmas presents. At night the whole display is illuminated with sixty-four red and white incandescent lamps. The animals are real deer, brought from Canada and stuffed. The sleigh is an ancient affair, which Mr. Howard secured some time ago in Woburn. For Santa Claus he has rigged up an effigy that might easily be taken for one of the prominent residents of the vicinity, so good is the likeness in size and figure. Eight small incandescent bulbs are used on each deer's head, besides two for the eyes. Sleighbells of electric lights encircle their bodies, and enough other bulbs are used to give a beautiful setting to the spectacle when seen at night. Sprinkled with snow, old Santa and his steeds make a particularly effective appearance.



NEW CROP Flower Seeds

	Per 1000 seeds	Per oz.
Mammoth Verbena, choice mixed, quality unsurpassed	$0.20	$1.00
" " Blue, white, purple, scarlet and pink, each	.25	1.25
	Trade Packet	
Petunia New Star, remarkable bloomers	.25	
" Dwarf Inimitable (Nana Compacta) fine for pots	.25	$1.25
" Giants of California, mixed	.50	
Smilax, new crop. Per ¼ lb. 60c. Per lb. $2.00		.20
Salvia Splendens, Clara Bedman or Bonfire	.30	2.00
Stock, Princess Alice, (cut and come again)	.30	2.50
Pansy, Johnson & Stokes kingly collection, the finest strain obtainable	.30	5 00

Write for our new Florists' List—just issued.

JOHNSON & STOKES, 217 and 219 Market St., PHILADELPHIA, PA.

Mention The Review when you write.

Michell's Choice Seeds

Asparagus Plumosus Nanus, fresh from greenhouse, very fine, 100 seeds, 90c; 1000 seeds $7.00. Write for special quotations on larger quantities.
Salvia Bonfire, the best dwarf scarlet sage. Trade pkt., 40c; ounce, $2.50.
Verbena, Michell's mammoth fancy strains, the finest verbena grown, blue, pink, scarlet, white, striped, mixed all colors, trade pkt., 30c; ounce, $1.50.
Carnation Bands. Prices—1000 for 15c; 2000 for 25c; 4500 for 50c; 7000 for 75c; 10 000 for $1.00.
Send for our advance seed list now ready.

HENRY F. MICHELL CO., 1018 Market St., PHILADELPHIA.

Mention The Review when you write.

RUSSIAN LILY OF THE VALLEY

Per 1000	$ 15 00
Per 2500	32 00
Per 10000	125 00

THE BEST FOR EARLY OR LATE FORCING.

STUMPP & WALTER CO.
Branch, 404 E. 34th St. 50 BARCLAY ST., NEW YORK.

Mention The Review when you write.

HAVING BEEN AWARDED THE GRAND PRIZE
For My Exhibition of GLADIOLI At the World's Fair

it is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. **Groff's Hybrids and other sorts the best obtainable.**

Write for Catalogue. **ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.**

Mention The Review when you write.

ARRIVED Consignment of extra Strong Bulbs of Our GOLD

Medal Strain Tuberous Begonias

Order now. See prices in classified dept.

HUBERT & CO., Ltd.
N. LEPAGE. MT. VERNON, N. Y.

Mention The Review when you write.

Lily of the Valley

FORCING PIPS. VERY FINE VARIETY. Apply to

JULIUS HANSEN,
PINNEBERG, (Germany).

RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST
Catalogues Mailed Free.
W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

Mention The Review when you write.

Thorburn's Bulbs

ARECA LUTESCENS SEEDS
at $3.00 per 1000.

LILY OF THE VALLEY
PIPS AND CLUMPS.

Lilium Auratum and Speciosum All sorts

The great new Potato

Noroton Beauty

All who issue catalogues should not fail to include it. Descriptive circular on application.

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Mention The Review when you write.

WE are well pleased with the REVIEW, here is the proof, another dollar.—Hartmann & Wagenfohr, Winfield Jct., N. Y.

SUZUKI & IIDA, 31 BARCLAY ST., NEW YORK
FRESH CROP OF PEAR SEED
OFFERED AT $2.50 per 100 LBS.
Now is the time to book your orders for JAPANESE NURSERY STOCK for Spring Delivery.
WRITE FOR CATALOGUE.
Mention The Review when you write.

PITTSBURG.

The Market.

While trade is about the same as last year, the making ready for the holidays gives the retailers about all they can do. There is nothing much new among the stores; the same old wreaths made in the same old way, holly, mistletoe and wreathing. Green goods have been selling better than usual up to this time, probably because everything has been white with snow the last two weeks.

At the Stores.

The stores are looking very pretty, with their variety of palms, ferns, Proserpine tulips in pans, and poinsettias, which are used in boxes and pans.

Breitenstein & Flemm are using some very pretty Roman garlands, made of red immortelles and box-wood, which are very effective.

L. I. Neff has one red window, immortelle bells, pans of Proserpine tulips and poinsettias, which holds the crowd.

A. W. Smith has a great show of baskets of artificial fruit, immortelle and artificial wreaths and baskets, which are quite out of the ordinary.

Mrs. E. A. Williams' store is a bower of beauty. While there is nothing really new, still her arrangement of plants, bells, greens, etc., makes it so attractive one almost feels they are something new. The window is most artistically arranged with baskets and hampers of Begonia Gloire de Lorraine, tied with pink ribbons. She certainly keeps the crowd on her sidewalk.

Various Notes.

Lloyd Swarthout, of Washington, Pa., has disposed of his stock and leased his houses and store to Jos. Seaman & Co., who will continue the business. Mr. Swarthout has built up a large business and leaves it to enter another line. The trade wish him success wherever he may go.

Patrick Maier, who is the bulb grower of this section, will have Proserpine tulips in pans, which are in fine shape for Christmas.

B. L. Elliott is thinking of disposing of his greenhouses and entering actively into another business in which he is interested.

The boys in the retail stores are all writing with Pittsburg Cut Flower Company's pencils; if you didn't get yours, you should call them up. This was written with one.

Great carloads of Christmas trees are being handled by the commission men in the produce yards as well as holly, both in case and wreaths.

A. W. Smith has a grand lot of Harrisii and poinsettias just in shape for the holidays.

Carnations, which were out of sight in price Saturday and Monday, took an awful tumble before the middle of last week.

Hoo-Hoo.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

THE first of the season's importation of Manetti stocks have arrived.

C. H. COGSWELL, for many years in the nursery business at Virden, Ill., will shortly retire.

THE Maine Agricultural Experiment Station, Orono, Me., has just published a valuable bulletin on the brown-tail and other moths, with methods of control.

THE principal nurseries have pretty good quantities of stock in their storage houses but much of it is smaller than they would like, because of a season of only moderate growth following a very poor season indeed.

M. CRAWFORD, Cuyahoga Falls, O., has issued a pamphlet on the "Pedigree Question," as applied to strawberries, which he will send free to any interested parties who apply for it.

THE executive committee of the American Association of Park Superintendents will meet at Springfield, Mass., January 18. The principal business will be the selection of a city for the annual convention. Buffalo, Niagara Falls and Rochester are candidates.

THE horticultural press in England is greatly exercised by the fact that great quantities of American apples are arriving at Liverpool and finding a market, although England had herself a very heavy crop in 1904 and much of the fruit fails to find a profitable market.

J. W. DUNCAN, secretary of the American Association of Park Superintendents, formerly the Association of New England Park Superintendents, calls attention to the fact that the periodical bulletins of his organization are entirely distinct from "Items of Park News" of the Park Department of the American Civic Association.

ST. LOUIS PARKS.

We are indebted to Andrew Meyer, Jr., general superintendent of parks, St. Louis, for the handsomest volume of park reports which has ever come to this office. It covers the operations of the St. Louis park department for 1903-1904, is beautifully printed, superbly illustrated and bound in flexible leather covers. The half-tones are splendidly illustrative of the commendable condition into which Mr. Meyer has brought the pleasure grounds under his care and the volume is one calculated to arouse the envy of every park man into whose hands a copy falls.

Manetti Stocks
Selected grafting size, 3 to 5 mm. diameter. Special price for early orders. Per 1000, $7.50; 5000 for $35.00. Delivery early in January.
JACKSON & PERKINS CO.
NEWARK, NEW YORK.
Mention The Review when you write.

TO THE TRADE.
I am closing out my father's (J. H. H. Boyd) nursery at this place and would like to have your order. My specialty is White Pine, Russian Mulberry, Red Bud, Green Ash, Box Elder, Sweet Gum, Walnuts, Birch, Beeches, Sycamore, Althaeas, etc. Send for trade list. All go cheap.
F. C. BOYD, Sequatchie County, Gage, Tenn.
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ROSES FOR SPRING BLOOMING
The proper sorts. Clothilde Soupert, General Jacqueminot, Ulrich Brunner, La France, Magna Charta, Crimson Rambler, etc.: fine field-grown plants that have never been forced, suitable for 5 in. pots, at 7c; larger for 6-in., at 12c. Crimson Rambler, XXX, long tops, 20c. Large flowered Clematis, finest purple, lavender, white and red sorts—2-year, at 18c; 1-year, at 9c. Hydrangea pan. grand, fine bushy plants, 8c. Other shrubs, etc., in cellar, priced on application. Packing free for cash. W. H. SALTER, Rochester, N. Y.
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FINE VARIETIES. Low Prices.
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Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
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An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.
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Carnations, Roses, Beauties, Mignonette, Stevia, Poinsettias, Paper White Narcissus, Hudson River Violets.

The choicest stock in all lines of Cut Flowers for Christmas delivery.

A few MERRY CHRISTMAS CHRYSANTHEMUMS now at $4.00 per dozen.

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WHO'S YOUR COAL MAN.

If you are buying your coal by the carload from some jobber or mine outside your own town we should like to have you send the REVIEW the name and address, or when you write the coal man tell him that he ought to get acquainted with the REVIEW as a means of increasing his business among florists. We can often help both our reader and the dealer; for instance, we have a letter from a florist near Philadelphia who is burning small stove coal, anthracite, and paying $6.75 per ton to his local coal dealer; naturally he is in the market for a car. We should be glad to give his name to a dealer whom we know to be supplying this grade of coal satisfactorily to others in the trade.

AURORA, ILL.—The Aurora Greenhouse Co. has completed and stocked a range of 5,000 feet of glass and expects to double this next summer. J. H. Newhall is the manager and J. H. Brick, formerly with the Storrs & Harrison Co., the florist.

ONARGA, ILL.—Ludvig Mosback has sold his plant at South Chicago, Ill., to John Westere and has concentrated his business in the range of five houses, each 25x100 feet, built here last season, which will be largely added to in the spring. He reports a very active demand this fall, particularly for pansy plants, which are wanted in the south.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

FOR SALE—To be removed, greenhouses, glass, ironwork, etc; cheap for cash. Owner, 6335 Kimbark Ave., Chicago.

SITUATION WANTED—As working foreman in cut flowers; will take charge of range of roses or carnations, or handle a place on shares; references exchanged. O. B., 246 Crocker Av., Mt. Clemens, Mich.

WANTED—To learn design and decorating work, where advancement would be given to steady, ambitious boy of 17; 7 months' experience in general greenhouse and designing; eastern states. Address N., Carrier 3, Norwood, Mass.

SITUATION WANTED—By young lady with several years experience in flower store; at present employed but looking for something better; prefer Chicago or good sized city of central west. Address No. 99, care Florists' Review, Chicago.

WANTED—First-class carnation men, immediately; good wages. Chicago Carnation Co., Joliet, Ill.

WANTED—A young man of good habits for gardener on small private place of two acres; must be willing and sober, and not adverse to doing odd jobs about the place if asked; good wages. Address J. W. Campbell, Huron, S. D.

SITUATION WANTED—First-class rose grower wishes position by January 1 or 15, in western Pennsylvania, Ohio or Indiana; married; have references. Address No. 52, 2628 Halsted Street, Cincinnati, Ohio.

WANTED—Practical experienced nursery agents in every city; retail; salary or commission; special inducements allowed to those having covered extensive successful territory; references. J. Dobbertin's Son, P. O. Box 388, Rochester, N. Y.

WANTED—A competent young florist to take charge of a small place and fire; will pay $35.00 per month and board. Address W. H. Wright, Vicksburg, Miss.

SITUATION WANTED—By a sober and capable man as florists' assistant; small commercial or private place. Address No. 98, care Florists' Review, Chicago.

SITUATION WANTED—By a competent grower in cut flowers and general stock; 16 years' experience; capable of taking charge. Address Florist, New Bedford, Mass.

SITUATION WANTED—By sober, energetic florist age 31; capable of taking charge; roses and carnations my specialty; can handle general stock also. Address Lock Box 5, Grandville, Mich.

FOR SALE—Some extra good second-hand 3-in. pipe, guaranteed sound, 6c per foot; also some 4-in.; and small and medium size boilers. W. H. Salter, Rochester, N. Y.

SITUATION WANTED—By young man of 19, in greenhouse, private or commercial; one who wishes to learn the trade; some experience; state wages. Address No. 100, care Florists' Review, Chicago.

FOR SALE—In a live gas city of 15,000; five greenhouses stocked with roses, carnations and a general assortment of plants; natural gas for fuel, cheapest on earth; seven room house, large grounds, barn, etc. Address A. L. Harmon, Iola, Kan.

FOR SALE—6,500 feet glass, barn, horses, wagon; plenty of water; over 30,000 square feet of land; steam pump; tower; three hot water heaters; 15 minutes' walk to R. R. station; 30 miles from New York. Trolly passes front of place; large town in which a good business can be done; will be sold cheap. Address No. 101, care Florists' Review, Chicago.

FOR SALE—Ballard's greenhouse, $750, Perry, Iowa.

THERE IS mail at this office for advertisers No. 53, 81 and 85. Kindly call or send address to this office and mail will be forwarded.

SITUATION WANTED—By a good all-around florist, single, 26 years old; 10 years' experience in palms, ferns bulbs, etc.; capable of taking care of small commercial place. Address No. 97, care Florists' Review, Chicago.

WANTED—First-class rose and carnation grower; permanent place; $60 per month to start; reference as to ability and character required. Address No. 87, care Florists' Review, Chicago.

WANTED—The big K.-B. nurseries, of Newark, N. Y., want more trustworthy salesmen at once to sell their high-grade nursery stock, seeds, sprayers and separators. We pay liberal commissions and furnish outfits free. Write or see me at once for particulars and choice territory. C. H. Fowler Sr., Manager of Branch Office L. Box 62, Fishkill, N. Y., Dep. A.

SITUATION WANTED—As first assistant in commercial or private place, by a young man, 30; best references; state wages. Address Box 491, Petoskey, Mich.

WANTED—Young man would like a position as rose grower; can give good reference. Address No. 94, care Florists' Review, Chicago.

FOR SALE—An elegant greenhouse plant, up-to-date and modern in every way; 20 lots, 40 000 feet of glass; fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. 93, care Florists' Review, Chicago.

FOR SALE—A small floral business and comfortable home, with ¾-acre lot, well stocked with fruit and decorative plants; a rare chance for party needing our mild climate. Inquire P. O. Box "B," Rockledge, Fla.

FOR SALE—Or rent, a greenhouse plant, on easy terms to the right man, consisting of about 12000 feet of glass, with material on the ground for an addition of 4 000 feet; last years' business $1700; this years' business, about $2000. Address No. 92, care Florists' Review, Chicago.

WANTED—Help. $20.00 to $50 00 per week; whole or part of time as you prefer. We can utilize your services at your home or elsewhere. Extra pay to experienced florists. Address with references, I. Spaulding, President, Spaulding, Ill.

FOR SALE—Seven acres of land at Park Ridge, Ill.; fine soil and well adapted for greenhouse purposes. Terms easy. Address A. L. Randall, 19 Randolph St., Chicago.

BUSINESS OPPORTUNITY!

WANTED—A practical florist with about $2,000 to buy interest of partner retiring into other business. Retail; city of 60 000, within 30 miles of Philadelphia. An excellent opportunity and a square deal. Address T. R. WILSON, 418 Arcade Bldg., Philadelphia, Pa.

WANTED

By a German firm, large manufacturers of **artificial** Decorative Plants, etc., **A GOOD AGENT,** one commanding large sales, well acquainted with this branch of the trade. Address, with references,

H. & Co., care Florists' Review, Chicago.

Store Man Wanted

Have a first-class opening in Chicago for a capable store man. Moderate wages to start and advancement when ability is shown to handle first-class trade. Address with particulars as to experience and wages wanted—

No. 79, care Florists' Review, Chicago.

For Sale and Lease.

Owing to extensive other business, I will lease at a bargain my long established store and greenhouse plant at Tioga, Philadelphia; 3,000 feet of glass attached; almost no competition; only to responsible party.

Also for sale—the glass (12x14), bars, patent ventilators and 4-inch piping of 3 greenhouses (20x60 feet), or part of same, to be removed during winter; also one 25-horsepower return tubular boiler with one year old tubes. Bargain. Address Jno. G. Eisele, Florist, 3325 North 20th Street, Philadelphia, Pa.

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Beauties and Liberties
The Wholesale Florist of Philadelphia
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The Cleveland Cut Flower Company,
WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.
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Headquarters for SEASONABLE NOVELTIES AND FANCY STOCK
PITTSBURG'S LARGEST AND OLDEST WHOLESALERS.
PITTSBURG CUT FLOWER CO. (Limited) 504 Liberty Ave. Pittsburg, Pa.
WANTED—CONSIGNMENTS OF HIGH GRADE CARNATIONS.
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ST. LOUIS.

The Market.

The busiest days of the year are before the florists this week and already big orders have been placed for Christmas for cut flowers, blooming plants and greens of all kinds. The florists throughout the city have handsomely decorated windows and we hear nothing but good reports as to the business in general. The wretched weather of the past week interfered considerably with transient trade. There seems to be enough demand to use up the best stock at good prices, so the cut flower trade of the past week was generally satisfactory, with plenty of funeral work, and no oversupply of anything except second grade roses.

The supply of Beauties for this market is limited and all fancy stock sold at good figures. Brides and Maids are coming in quite abundantly. Meteor, Liberty, Golden Gate and Carnot are not so many and sell well. Of carnations there is a fair crop for present demands, with good prospects for a big supply for Christmas. Fancy stock will be high this week. Extra fancy will go as high as $8 to $10 per hundred, to be graded down to $4 for common. California violets they say are going to be scarce and way up in price, as high as $3. In bulbous stock there will be plenty of everything, such as Romans, Paper Whites and lily of the valley. Callas and Harrisii will be scarce. Prices on this stock will not advance any.

Fine stevia is in the market and is selling well. Green stock is also plentiful. Sales of holiday greens are more than satisfactory. Mistletoe is coming in fine this year. The demand for holly is ahead of all previous years. Wreathing is also in big demand for store front decorations, which are more numerous than usual this year. Blooming plants for Christmas are in fine condition. The most salable are cyclamens, azaleas, small orange trees and poinsettias. The latter give just the right color for the prevailing holiday fancy and meet with ready sale.

Various Notes.

Last week, Wednesday, Edward Buechel, manager of the Riessen Floral Co., met with a painful accident, breaking his leg by slipping on the icy sidewalk. This leaves the company in a bad way for the busy week. From last reports Mr. Buechel was resting easy at his home.

C. Young & Sons Co. report another big shipment of orchids to China. They also had the decoration for the big imperial ball the past week and have a big busy week before them.

The committee appointed to examine Mr. Kessler's plans for the restoration of Forest park, of which Wm. Trelease is secretary, met Friday and approved the plans. The mayor and the exposition officials were so informed. Mr. Kessler's successful treatment of the landscape features of the exposition warranted this action and his ability to properly carry out the details of the plans of restoration adopted by the committee. Work will begin early in the spring.

John Steidel, out in the country, is sending some extra fancy carnations and violets to Fred C. Weber.

W. J. Pilcher, of Kirkwood, will be in line with extra fine California violets for Christmas.

J. W. Dunford is sending F. M. Ellis some extra good carnations and roses, which will be in demand this week.

A. Berdan, of Kirkwood, will have an extra supply of lily of the valley and other bulbous stock for the holidays.

George Waldbart reports an extra good trade the past week, including large designs in funeral work.

Mrs. M. M. Ayers' place is very attractive for the holiday trade. A large number of extra fine blooming plants are seen.

The Ellison Floral Co., Miss Newman, Fred Weber, Kalisch and Miller are making fine holiday shows.

The bowlers say that after the busy season the club will again have its weekly rolls at the Palace alleys. Kuehn, Ellison, Beyer and Beneke are doing quite well in the city leagues. J. J. B.


Wire me your late orders on Christmas Cut Flowers and all Supplies.
ORCHIDS
AND
Fancy Cut Flowers
A SPECIALTY.
If you want Choice Cut Flowers at any time or all the time, send to
CHARLES W. McKELLAR
51 Wabash Avenue, CHICAGO.
Western Headquarters for Choice
ORCHIDS, FANCY VALLEY, VIOLETS, BEAUTIES, TEA ROSES, CARNATIONS. Wild Smilax, Asparagus, Adiantum, Smilax, Fancy Ferns always in abundance. Also a complete line of all Florists' Supplies, Novelties and Wire Work. L. D. Phone Central 3598. Automatic 3823.
Mention The Review when you write.

Evanston, Ill.—The George Wittbold Co. had the decorations for the Hollberg wedding last week, both house and church, which were unusually noteworthy.

The Philadelphia Cut Flower Co.

R. C. HAYDEN, Secretary and Treasurer. WM. J. MUTH, Manager.

HOLIDAY FLOWERS

We offer, subject to being unsold on receipt of order, a very fine stock of fancy Carnations, Bride and Bridesmaid Roses, Single Violets, etc., etc., at reasonable prices. Green and Bronze Galax, and Leucothoe. Careful packing and prompt delivery to Express Co. guaranteed.

1516-1518 Sansom Street, PHILADELPHIA.

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1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. PHILADELPHIA.

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Eugene Bernheimer Wild Smilax, Galax Leaves, Hardy Ferns.

WHOLESALE FLORIST
11 SOUTH 16TH STREET, Philadelphia, Pa.

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PRIZE VALLEY

Bruns' extra fine Berlin Pips for early forcing, always give satisfaction. This year's stock is better than we ever had it. **$1.25 per 100; $12.00 per 1000; $29.00, case of 2500.**

Cold Storage Valley

$15 per 1000; $1.75 per 100. Finest cut Valley for the Holidays.

H. N. Bruns Leading Valley Grower of the West.

1409-1411 West Madison St., CHICAGO.

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ROSES High Grade cut blooms at all times

HELLER BROS., NEW CASTLE, IND.
SOUTH PARK FLORAL CO.

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Wholesale Cut Flower Prices.

Philadelphia, Dec. 21.

	Per doz.
Beauties, Specials	$9.00
" Extra	$6.00 to 7.00
" Medium	4.00 to 5.00
" Short	1.50 to 3.00
	Per 100
Bride and Bridesmaid, Fancy	10.00 to 15.00
" " Ordinary	4.00 to 8.00
Golden Gate, Select	8.00 to 10.00
" Ordinary	4.00 to 6.00
Liberty, Fancy	20.00 to 25.00
" Select	10.00 to 15.00
" Ordinary	4.00 to 6.00
Ideal	4.00 to 10.00
Perle	3.00 to 6.00
Sunrise	4.00 to 8.00
Meteor	4.00 to 10.00
Queen of Edgely, Medium	2.50 to 3.00
" " Shorts	1.00 to 2.00
Carnations, Enchantress	6.00 to 8.00
" Lawson	4.00 to 5.00
" Prosperity	3.00 to 5.00
" Select	2.00 to 3.00
" Ordinary	1.50
Orchids, Cattleyas	60.00 to 75.00
" Dendrobium Formosum	40.00
" Vandas	20.00
" Cypripedium	12.50 to 15.00
Adiantum Cuneatum	1.00
" Croweanum	1.50
" Farleyense	10.00
Asparagus Plumosus, Strings	50.00
" Sprays, per bunch	.50
" Sprengeri, per bunch	.50
Bouvardias	3.00 to 6.00
Callas per doz.	1.50 to 2.00
Daisies, White or Yellow	1.00 to 2.00
Lilium Harrisii per doz.	2.00
Mignonette, Fancy	3.00 to 4.00
" Ordinary	1.50 to 2.00
Pansies per bunch	.05
Poinsettias	12.50 to 25.00
Paper Whites	2.00 to 3.00
Romans	1.00 to 4.00
Smilax	12.50 to 15.00
Sweet Peas	.50 to 1.00
Gardenias	.75
Valley, Fancy	4.00 to 5.00
" Ordinary	2.00 to 3.00
Violets, Double	1.00 to 1.50
" Single	.50 to 1.00
Stevia	1.00

HERE is another dollar; the REVIEW fills the bill for all that's needed.—T. L. EAGLE, Coffeyville, Kans.

JOSEPH HEACOCK
WYNCOTE, PA.
Grower of
Kentia Belmoreana and Kentia Forsteriana

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Everything Seasonable in **Cut Flowers**
1526 Ranstead St., PHILADELPHIA.
Store closes at 8:00 p. m. Long Distance Phone.

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Choice Carnations In quantity
1432 South Penn Square, Philadelphia.

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Center for
Brides, Maids, Beauties and Carnations.
1403-5 Fairmount Ave., PHILADELPHIA.
Established 1890.

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Michigan Cut Flower Exchange.
WM. DILGER, MANAGER.
All Ferns, Fancy and Dagger
$1.50 Per 1000.
38-40 Miami Avenue, Detroit, Mich.

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GROWER ....OF **Palms, Etc.**
Send for Price List.
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BOSTON FERNS!

Stocky plants with short fronds, 6-inch pots, 50c each; $6.00 per dozen. Good value.

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Upsal Station, Penna. R. R.
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Reasonable Prices. Square Dealing.
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SHIPPING ON COMMISSION.
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CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
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Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND
ORCHIDS A SPECIALTY.
HEADQUARTERS FOR NOVELTIES

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The Largest Commission House in America for Roses, Violets and all other varieties of Cut Flowers.
WHOLESALE COMMISSION
57 WEST 28TH ST., NEW YORK
'PHONE 2200 MADISON SQ., which ring, connects you with all our TELEPHONES.

MY LARGE SHIPPING TRADE ENABLES ME TO COMMAND THE HIGHEST PRICES.
Special arrangements this season for the extensive handling of American Beauties
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CUT FLOWERS
39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality American Beauties and all other varieties of Roses.
Telephone 902 Madison Square. Carnations.
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OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS.
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WANTED. A few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.
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All varieties of Cut Flowers in season at right prices and of the best quality.
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Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.
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Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

New York, Christmas.

		Per 100
Beauties,	Specials	$50.00 to $100.00
"	Extra	25.00 to 50.00
"	No. 1	15.00 to 20.00
"	Shorts	4.00 to 10.00
Brides and Maids,	Specials	12.00 to 20.00
" "	Extra	8.00 to 12.00
" "	No. 1	5.00 to 8.00
" "	No. 2	3.00 to 5.00
Golden Gate		10.00 to 20.00
Liberty		5.00 to 35.00
Mme. Chatenay		5.00 to 20.00
Meteor		4.00 to 10.00
Orchids, Cattleyas		75.00 to 100.00
Cypripediums		10.00 to 15.00
Carnations, Common		2.00 to 3.00
"	Selects	3.00 to 5.00
"	Fancies	5.00 to 8.00
"	Novelties	10.00 to 15.00
Adiantum Cuneatum		50 to .75
"	Croweanum	1.50
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri		15.00
Lilies		15.00 to 20.00
Lily of the Valley		2.00 to 4.00
Smilax		10.00 to 12.00
Violets		.75 to 1.00
"	Specials	1.00 to 2.00
Narcissi, Romans		1.00 to 2.00
Callas		10.00 to 15.00
Daisies		.50 to 1.00
Pansies	doz. bunches	.25 to .50

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2½-in. pots, 4-5 leaves to a plant, 8 to 12 inches high, $6.00 per 100; $50.00 per 1000. Cash with order. Address

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GALAX, Bronze or Green

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Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street & 34th Street Cut Flower Market.



SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine and all kinds of Evergreens.

Green and Bronze Galax Leaves,

75c. per 1000.

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You will find **ALL** the **BEST** offers **ALL** the time IN THE Review's Classified Advs.

Wholesale Cut Flower Prices.

Boston, Dec. 19.

	Per 100
Beauties, Specials	$10.00 to $60 00
" Extra	25.00 to 30.00
" Short Stems	8.00 to 12.00
Brides, Specials	8.00 to 12.50
" Seconds	4.00 to 5.00
Bridesmaids, Specials	8.00 to 16.00
" Seconds	3.00 to 4.00
Liberty	5.00 to 20.00
Bon Silene	4.00
Safrano	4.00
Carnot	5.00 to 8 00
Chatenay	6.00 to 12 50
Cattleyas	50.00
Cypripediums	12.50
Carnations, Specials	3.50 to 4.50
" Select	2.50 to 3.00
" Ordinary	2.00
Chrysanthemums	5.00 to 10.00
Violets, single	1.00 to 1.50
" double	.75 to 1.00
Lily of the Valley	8.00 to 4.00
Narcissi	2.00 to 2.50
Mignonette	4.00 to 8.00
Bouvardia, bunch	.50
Stevia	.75 to 1.00
Asparagus Plumosus, Strings	40.00 to 50.00
" " Sprays, bunch	.50
" Sprengeri, bunch	.35 to .50
Smilax	8.00 to 12 50
Adiantum	.50 to 1.00
Poinsettias	25.00 to 50.00
Roman Hyacinths	2.00 to 3.00
Callas	12 50
Lilium Harrisii	12.50 to 15.00

AM very much pleased with the results of the advertisement; at present have no stock to offer.—WM. A. FINGER, Hicksville, L. I., N. Y.

"MUCH information is obtained by a perusal of your journal and I consider it a decided benefit to all to read it."—THOMAS CHAPMAN Denver, Colo.

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Holly choice quality, clean green foliage, well berried, per case, 4x2x2, $4.50; 5 cases, $20.00.

Southern Smilax fresh stock, well packed, 50 lb. case, $6.00, cover about 600 square feet; 25 lb. case, $3 25, cover about 300 square feet.

Galax new crop, brilliant bronze or green, (full count), $1 per 1000, $3.75 per 5000.

Leucothoe Sprays green or bronze, 90c per 100; $7.50 per 1000.

Green Sheet Moss beautiful color, clean stock, $2.50 per bbl. sack.

Sphagnum Moss large bale, $1.75; (by freight, $2.00.)

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Telephones, 2065-2066 Madison Sq.

ORCHIDS, GARDENIAS, VIOLETS ROSES, CARNATIONS

and a large assortment of other Flowers, according to season.

TO BUYERS—Send us your orders. We will ship you Flowers, none better. Not cheap ones, but best in New York. Give us a trial and you will not be disappointed.

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Commission Dealer in **CUT FLOWERS**

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EVERYTHING IN CUT FLOWERS FROM THE BEST GROWERS.

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Wholesale Dealers in

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Perfect shipping facilities for out of town orders.

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All Decorating Evergreens, Galax, Leucothoe, Mosses, &c.

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(Where Quality is First Consideration.)

Write, Wire or Phone the Introducers.

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☞ NEW CROP Southern Wild Smilax now ready in limited quantities.

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WHOLESALE GROWERS OF AND DEALERS IN **CUT FLOWERS**
Greenhouses at Hinsdale, Ill.
Mention The Review when you write.

VAUGHAN & SPERRY
Wholesale Florists,
58-60 Wabash Ave., **CHICAGO.**
Write for special prices.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Dec 21.

	Per doz.
Beauties, Long stems	$10.00 to $12.00
" 30-inch "	9.00
" 24-inch "	8.00
" 20-inch "	7.00
" 15-inch "	5.00
" 12-inch "	3.00
Shorts	1.50 to 2.00
	Per 100
Bridesmaids, Specials	$15 00 to $18.00
" Firsts	8.00 to 12.00
Brides, Specials	15.00 to 18.00
" Firsts	8.00 to 12.00
Liberty, Specials	15.00 to 25.00
" Firsts	8.00 to 12.00
Golden Gate, Firsts	15.00 to 18 00
" Seconds	8.00 to 12.00
Meteor, Firsts	15.00 to 20.00
" Seconds	8.00 to 12.00
Ivory, Firsts	15.00 to 18.00
" Seconds	8.00 to 12.00
Perles, Firsts	12.00 to 15.00
" Seconds	8 00 to 10.00
Chatenay	8.00 to 25.00
Carnations, Select	4.00 to 5.00
" Fancy	6.00 to 10.00
Violets	2.00 to 3.00
Callas	18.00 to 20.00
Paper Whites	3.00 to 4.00
Stevia per bunch,	.25 to .50
Asparagus, Strings	35.00 to 50.00
" Sprays, per bunch,	.25 to .35
Sprengeri, "	.25 to 35
Ferns per 1,000, $2.00	.25
Adiantum Cuneatum	.75 to 1.00
" Croweanum	1.50
Smilax per doz.	1.50 to 2.00

Poehlmann Bros. Co.
Wholesale Growers of and Dealers in **Cut Flowers.**
All telegragh and Telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.

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SUCCESSOR TO
BRANT & NOE FLORAL COMPANY,
58-60 Wabash Ave., **CHICAGO.**
Very Choice American Beauties.
Wholesale Grower of Cut Flowers. Regular standing orders solicited Every facility for prompt shipment.

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Write for special quotations on large orders.
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THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
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Beauties, Roses, Carnations, Lilies and Cut Flowers Of All Kinds
Michigan Violets
A SPECIALTY.
Grand Rapids Florists' Ass'n
60 WABASH AVE. CHICAGO.
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51 Wabash Ave., Room 218, Chicago.
Wholesale Grower of Cut Flowers

PERCY JONES
Wholesale Cut Flowers
Flower Growers' Market,
60 Wabash Ave., **CHICAGO.**
STANDING ORDERS SOLICITED.

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Wholesale Growers and Shippers of **CUT FLOWERS**
58-60 WABASH AVE, CHICAGO, ILL.
With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.

J. A. BUDLONG
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Roses and Carnations A Specialty.....
WHOLESALE GROWER of **CUT FLOWERS**
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WIETOR BROS.
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WHOLESALE DEALER IN AND .....GROWER OF **CUT FLOWERS**
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone Quick Service Given.
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58-60 WABASH AVE., CHICAGO
The Place to Sell Your Stock
SEE PERCY JONES, Manager.
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The Philadelphia Wholesale Flower Market.

GARDENIAS, CATTLEYAS, VIOLETS, VALLEY.

1235-37 FILBERT STREET, - PHILADELPHIA, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Dec. 21.

		Per doz.
Beauties,	Specials	$9.00 to $12.00
"	Extra	6.00 to 8.00
"	No. 1	3.00 to 4.00
"	Shorts	1.00 to 2.00
		Per 100
Brides and Maids,	Specials	$10.00 to $15.00
" "	Extra	6.00 to 8.00
" "	No. 1	5.00 to 6.00
Carnot		10.00 to 15.00
Golden Gate		6.00 to 8.00
Kaiserin		6.00 to 8.00
Liberty		15.00 to 20.00
Meteor		8.00 to 10.00
Carnations,	Common	3.00 to 4.00
"	Select	5.00 to 6.00
"	Fancies	6.00 to 8.00
Adiantum		1.00 to 1.25
Asparagus Plumosus,	Strings	25.00 to 35.00
" "	Sprays	1.00 to 1.50
"	Sprengeri "	1.00 to 1.50
Lily of the Valley		3.00 to 4.00
Smilax		12.50 to 15.00
Violets,	single	2.50 to 3.00
"	double	3.00 to 4.00
Paper White		3.00 to 4.00
Romans		3.00 to 4.00
Callas		15.00 to 20.00
Harrisii		15.00 to 20.00

Cleveland, Dec. 21.

		Per 100
Beauties,	Specials	$100.00
"	Extra	75.00
"	No. 1	50.00
"	Shorts	$15.00 to 25.00
Bride and Bridesmaid.		8.00 to 15.00
Meteors		8.00 to 15.00
Carnations		4.00 to 8.00
Adiantum Cuneatum		1.00
Asparagus Plumosus,	Strings	25.00 to 50.00
" "	Sprays	1.00 to 3.00
"	Sprengeri "	2.00 to 4.00
Violets		1.00 to 2.50
Smilax		12.50 to 15.00
Paper Whites		4.00

HEADQUARTERS FOR "SUPERIOR QUALITY" BRAND

Wild Smilax

Always on Hand and in any Quantity

NONE BETTER.

E. F. WINTERSON CO.,

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Wholesale Florists and Florists' Supplies.

228 Diamond St., PITTSBURG, PA.

Shipping Given Special Attention.

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Galax, Ferns, Leucothoe.

GALAX New crop Bronze and Green, small, 75c per 1000; medium, 90c per 1000: extra large, $1.00 per 1000.

LEUCOTHOE SPRAYS 75c per 100; $6.50 per 1000.

HARDY CUT FERNS Specially fine, $2.00 per 1000.

Special price on large quantities.

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Wholesale Commission Florist,
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Wholesale Commission Dealer in **Cut Flowers**

Consignments Solicited.

128 E. Third St, CINCINNATI, OHIO.

Long Distance Phones { M-980. West 1191-R.

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Wholesale Commission Florist,
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Receiver and Shipper of Cut Flowers.

CONSIGNMENTS SOLICITED.

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The J. M. McCullough's Sons Co.

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

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WHOLESALE FLORIST,
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Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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Mention The Review when you write.

Wholesale Cut Flower Prices.

Cincinnati, Dec. 21.

		Per 100
Beauties,	Extra	$35.00 to $75.00
"	No. 1	15.00 to 25.00
"	Shorts	8.00 to 12.50
Brides and Maids,	Extra	10.00
" "	No. 1	8.00
" "	No. 2	4.00
Golden Gate		4.00 to 10.00
Kaiserin		4.00 to 10.00
Liberty		4.00 to 10.00
Meteor		4.00 to 10.00
Perle and Sunrise		3.00 to 8.00
Carnations,	Common	1.50
"	Selects	2.00 to 3.00
"	Fancies	4.00 to 6.00
Asparagus Plumosus,	Strings	35.00 to 50.00
" "	Sprays	4.00 to 5.00
"	Sprengeri, "	2.00 to 3.00
Lilium Longiflorum		12.50 to 18.00
Smilax		10.00 to 15.00
Lily of the Valley		3.00 to 5.00
Chrysanthemums		4.00 to 25.00
Violets		.50 to 2.00
Narcissi, Romans		3.00 to 4.00
Callas		3.00 to 12.50

Pittsburg, Dec. 20, 1904.

		Per 100
Beauties,	Specials	$60.00 to $75.00
"	Extra	40.00 to 50.00
"	No. 1	25.00 to 35.00
"	Shorts	10.00 to 15.00
Brides and Maids		4.00 to 15.00
Cusin		4.00 to 8.00
Kaiserin		4.00 to 15.00
Liberty		8.00 to 20.00
Mme. Chatenay		4.00 to 15.00
Carnations		2.00 to 8.00
Adiantum Cuneatum		1.00 to 1.50
Asparagus Plumosus,	Strings	25.00 to 50.00
" "	Sprays	1.00 to 2.00
"	Sprengeri "	1.00 to 3.00
Lily of the Valley		4.00 to 5.00
Violets		.50 to 2.50
Smilax		12.50 to 15.00
Lilies		20.00 to 25.00
Paper Whites, Romans		3.00 to 4.00
Stevia		1.50 to 2.00
Tulips		5.00
Mignonette		4.00 to 8.00
Daisies		2.00

I WANT to renew my subscription for the best florists' paper published.—R. L. BURGOYNE, Danville, Ill.

D. RUSCONI

Importer of Bulbs, Plants and Shrubbery.

——Has a full line of——

Lil. Auratum, Rhododendrons,
Lil. Roseum, Azalea Mollis,
Lil. Rubrum, Roses, home grown and imp't'd.
Lil. Album, Tulips and Von Sion Narcissus

——Write for Prices.——

32 W. 6TH STREET, CINCINNATI, OHIO

PETER WEILAND,

Wholesale Grower of

Cut Flowers

Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.

128 East 3rd St., CINCINNATI, OHIO.

All stock sold at the PREVAILING MARKET PRICE.

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Wholesale Florist

Finest Stock of Everything in the market.
Extra fine California Violets for Christmas.
Christmas Novelties and Supplies of all Kinds.

1316 Pine Street
St. Louis

Long Distance Telephone MAIN 2018-M.

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KANSAS CITY.

The Market.

Cloudy weather the past week has somewhat injured the prospects for a large holiday cut of roses or carnations. Cut blooms were very scarce on the market the past week and as Christmas draws near are getting scarcer, prices are going up and the demand is for first-class stock. Retail stores are rushed with business and everyone is looking forward to what promises to be the largest business done in the history of the city. Christmas greens are on the market in abundance. There is enough lycopodium, but good prices are received. Holly averages unsatisfactorily, only a very small quantity coming in that can be called first-class. Cyclamens, azaleas, poinsettias, Begonia Gloire de Lorraine and primroses are looking fine and prices are a little in advance of last year.

Various Notes.

A trip through the retail district shows some fine window decorations, among the best being those of Samuel Murray, W. L. Rock, Miss M. Dalley and Miss J. E. Murray.

Miss Murray had some fine wedding decorations last week and will have a large one this week at the Central Presbyterian church. Miss Murray also reports an unusually large demand for Christmas decorations.

W. L. Rock has had numerous decorations for receptions and weddings this week and reports fine indications for business during the holidays.

Mr. Freudenthal, of the Union Depot Floral Co., has leased new quarters at Twelfth and Walnut streets to which he will remove January 1.

The largest decoration in the past year was the one last Saturday evening in the First Christian church. The occasion was the wedding of Ensign Hayne Ellis, of the Battleship Kentucky, to Miss Sallie Long of this city. The work was done by the W. H. Humfeld Floral Co. The color scheme was in yellow and white, the ship colors. Southern smilax, palms and roses were used. Jas. Biggam had charge of the work.

Arthur Newell is doing an immense business these days and is thoroughly satisfied.

Miss Dalley has some of the finest Brides and Kaiserins in the city. She buys the entire output of Al. Broman, of Independence, and is doing a fine trade in evergreens.

A new establishment has been opened in the Masonic building, to be known as the Star Floral Co., with Miss F. M. Shaeffer as manager. The new company has only temporary quarters at present, but expects to have permanent quarters by the first of the year.

The Alpha Floral Co. has an extra force employed making wreaths and roping and reports trade as fine.

NARCISSUS.

OCEANIC, N. J.

At the regular meeting of the Monmouth County Horticultural Society, December 16, the following officers were elected: President, Geo. H. Hale; vice-president, A. G. Williams; secretary, H. A. Kettel; financial secretary, Geo. R. Kuhn; treasurer, W. W. Kennedy. The society procured $75 worth of vases to be used at the exhibitions. Geo. R. Kuhn showed some excellent Marie Louise, Princess of Wales and California violets. Geo. H. Hale had some exceptionally fine hyacinths on exhibition and also some excellent Adiantum Farleyense. The judges of the evening were W. W. Kennedy and A. G. Williams. President Hale's portrait appears elsewhere in this issue.

B.

TERRE HAUTE, IND.

George H. Hunt, of the Hunt Floral Co., in the Superior Court, December 13, brought suit for an injunction against Alexander and Lizzie Dempsey. The Dempseys own property adjoining that of Hunt and according to the florist, they have permitted cattle and other live stock to drink, wade and wallow in a pond from which he secures his water supply for the greenhouse. A temporary restraining order was granted.

THE Pittsburg Cut Flower Co., Pittsburg, Pa., sends out a neat box containing three very good pencils stamped with its name.

A Merry Christmas

TO YOU

....FROM....

The Pine Tree Silk Mills Company

makers of the "best ribbons for florists' uses" in the United States.

Attractive ribbons at right prices.

Drop us a postal—find out for yourself. We are glad to send samples and prices.

OFFICE AND SALESROOMS:

Philadelphia

806-808-810 ARCH ST. 52 and 54 N. 8th ST.

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Fancy or Dagger Ferns



$1.00 per 1000. Galax, brilliant bronze or green, 75c per 1000; $6.50 per case 10,000. Laurel festooning, hand made, full sizes, 4c, 5c and 6c per yard, made fresh daily from the woods. Send us your Christmas orders now and we will please you. Branch Laurel, 35c per large bundle. Southern Wild Smilax, 50 lb. cases, $5.50 per case. Laurel wreaths and Princess pine wreaths made all sizes and prices. Princess pine by the pound and made into roping.

Tell us your wants and we will name you prices.

CROWL FERN CO., - - - MILLINGTON, MASS.

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ATTENTION !!! Florists

For WAX FLOWERS, BASKETS, WAX FLORAL DESIGNS, WHEAT SHEAVES, etc., send to

J. STERN & CO. 1928 Germantown Avenue, (Ask for our beautiful Catalogue.) **Philadelphia.**

Mention The Review when you write.

..VIOLETS..

Write for the lowest price on Violets. We took 1st premium at the World's Fair, Chicago and Joliet Flower Shows. We can give the right price as we are growers.

ELI CROSS, Grand Rapids, Mich.

Mention The Review when you write.

500 Strings Asparagus Plumosus Nanus.

2000 Strings Smilax. Send 50c for samples and MAKE ME AN OFFER

Aspidistra lurida, 6 to 10-inch plants, 4c per leaf.

WILLIAM CLARK,

COLORADO SPRINGS, COLO.

Mention The Review when you write.

SIGMUND GELLER,

FLORISTS' SUPPLIES AND RIBBONS

108 W. 28th St., NEW YORK CITY.

—HEADQUARTERS FOR NOVELTIES—

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

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Telephone No. 1417 Madison

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☞ Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

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Washington, -- D. C.

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RETAIL ORDERS

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1657-59 Buckingham Place, CHICAGO.

Julius Baer,

116 E. Fourth Street.
Long Distance Phone 2478.

Cincinnati, Ohio

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON

ST. PAUL, MINN.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,

2319 AVENUE M. Galveston, Tex.

Always Mention the....

Florists' Review

When Writing Advertisers.

M. A. Bowe

1294 BROADWAY,

IN THE HEART OF

New York City

TEL 2270 38TH ST.

OUR MOTTO—"THE GOLDEN RULE."

FRED C. WEBER,

FLORIST,

4326-28 Olive Street, St. Louis, Mo.

Established 1873.

Long Distance Phone Lindell 196 M.

Orders for Chicago and Vicinity

WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. 51 Monroe St., CHICAGO.

HUGH GRAHAM,

PHILADELPHIA,

104 S. Thirteenth St.

All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

Palmer's

BUFFALO, New York.

PRATT & GIGER,

FLORISTS AND DECORATORS

NEW LONDON, CONN.

J. J. BENEKE,

1216 Olive Street ST. LOUIS, MO.

WE SELL

BRONZE AND GREEN GALAX

Small 45c; medium 50c; large 55c per 1000. Terms, cash or satisfactory references. State how to ship; by freight or express.

J. E. HYLTON & CO., Ballard, Va.

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Alexander McConnell

546 Fifth Avenue
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NEW YORK, CITY.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention . . . . . .

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WILLIAM L. ROCK FLOWER CO.

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C. C. Pollworth Co.

WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in

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The Park Floral Co.

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David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,

New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

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434 Boylston Street,

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WASHINGTON, D. C.

Orders Executed Artistically.

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S. B. Stewart,

119 No. 16th Street. OMAHA, NEB.

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Florists' Review

When Writing Advertisers.

PACIFIC COAST.

AID FOR HORTICULTURE.

Judge W. W. Morrow, one of the trustees of the Carnegie Institute at Washington, has been successful in having a considerable allotment of money made by that institution to Luther Burbank, often spoken of as the California "wizard of horticulture," so that he may be enabled to carry on for a period of years his valuable experiments which have made both him and his neighborhood world famous. Mr. Burbank has at the present time several dozen entirely new creations in the field of floriculture, as well as several hybrid grasses that he will soon give to the public.

Mr. Burbank was for many years in the general nursery business at Santa Rosa and began his experiments in the breeding of plants as early as 1875. Although very successful in a commercial way, after some years Mr. Burbank gave up the business of growing and selling recognized varieties and devoted himself exclusively to the originating of new varieties of fruits, flowers, vegetables and grasses and his success has brought him world wide fame as the greatest of the present experimental horticulturists.

Mr. Burbank's main nursery is at Sebastopol, Cal., and consists of about ten acres. He has a branch place in Lyon's Valley, Lake county, where he has many thousands of bulbs and lilies, both native and acclimated, and from which he has crossed several widely differing varieties, with considerable success. One of the recent additions to the field of valuable plants is the thornless cactus. This plant, it is claimed, will eliminate many of the terrors of the Colorado and Mojave deserts, where it will grow luxuriantly. It can be used for food, both by man and beast.

Mr. Burbank is probably best known by his connection with ten varieties of Japanese plums, which he brought out in 1888, and which are now catalogued throughout the world. In 1893 appeared the giant prune, hybrid walnut and a new quince. These were followed by many other fruits, roses, cannas, hybridized native flowers, the Shasta daisy and Mr. Burbank says he has many more to come which will be given to the public, some of them in the very near future. G.

SAN FRANCISCO.

The Market.

It is now within a few days of Christmas and I have never seen such an abundance of flowers at this time of the year, nor have we ever had such a continued spell of warm, bright weather. We have only had about half a dozen nights cold enough to show frost, and heliotropes, fuchsias and other soft stuff are still in full bloom out in the open ground. As a consequence flowers of all kinds are very plentiful and can be had at almost any price. The demand is only fair for the general varieties, although there has been considerable call for white roses and carnations, owing to several spurts in the line of funeral work. Mums are plentiful, both those grown indoors and out and from present indications there will be plenty until after the holidays. All the growers are wishing for a few cold nights to shorten the supply of outdoor stock and stiffen prices, but as I write the prospects are for a continuance of warm weather.

Rooted Carnation Cuttings

..NOW READY..

These low prices good only up to December 25.

WHITE:	Per 100	Per 1000
Queen Louise	$1.00	$10.00
Flora Hill	1.00	10.00
Alba	1.40	12.50
Gov. Wolcott	1 00	10.00
Norway	1.00	10.00
Lillian Pond	1.40	12.50
Chicot	1.20	10 00
PINK:		
Mrs. Thos. Lawson	1.40	12.50
Enchantress	3 50	30.00
Mrs. Joost	1.00	10.00
Success	1.00	10.00
Mermaid	1.00	10.00
Cressbrook	1.00	10.00
Pres. McKinley	1.40	12.50
Mrs. Theo. Roosevelt	1.40	12 50
SCARLET:		
G H. Crane	$1.00	$10.00
America	1.00	10.00

SCARLET:	Per 100	Per 1000
P. Palmer	$1 00	$10.00
Estelle	1.40	12.50
J. H. Manley	1.50	15.00
Apollo	1.50	15 00
CRIMSON:		
Harlowarden	1.40	12.50
Gov. Roosevelt	1.20	10.00
YELLOW:		
Golden Beauty	1.40	12.50
Eldorado	1.00	10.00
VARIEGATED:		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Stella	1.40	12.50
Armazindy	1.00	10.00
Viola Allen	1.20	11.00
Gaiety	1.20	11.00

Special prices on large lots. Unrooted pips at half price of above. 25 at 100 rate. 250 at 1000 rate. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

Loomis Floral Company, LOOMIS, CAL.

Mention The Review when you write.

Various Notes.

The mistake of E. C. Thurber, a dealer in greenhouse glass, cost him $299.45, according to a judgment rendered this week by Judge Hall. Through a mistake in calculation Thurber contracted to sell glass to P. McDonell, the well known carnation grower, of Alden, at $1.45 per box. According to the market price he should have charged $2.87 a box. He refused to keep to the contract and McDonell then purchased 300 boxes of glass from another firm at $3 a box. Thurber brought suit against McDonell to reform the contract, but judgment was rendered against him. On the cross complaint McDonell was given judgment for the difference between the price he paid for the glass and the price at which Thurber agreed to furnish it.

A visit to the greenhouses of H. Potet, on Courtland avenue and San Bruno road, shows that the cut of roses for Christmas will be an extra large one. The stock is in good shape throughout and everything shows the results from up-to-date forcing.

James Nivens, late of the Thermal Vale Nursery, has opened a plant depot on San Pablo avenue, Oakland.

H. M. Sanborn, of Oakland, has built a large addition to his Fourteenth street store to accommodate his increased business.

The California State Floral Society held a very enthusiastic meeting at Central hall, December 9. Professor Emory E. Smith was in charge. Ralph E. Smith of the Horticultural Experiment Station at Berkeley, gave an instructive address on "Diseases Affecting Flowering Plants."

P. C. Meyer, of Burlingame, is contemplating an addition of several more houses to his plant during the coming season. G.

HORTICULTURAL SOCIETY.

The Pacific Coast Horticultural Society of San Francisco held its complimentary chrysanthemum exhibition recently at Mission Opera Hall. Menlo Park and Burlingame growers easily carried off the honors of the show and incidentally the principal premiums offered. Mr. Meyer, of Menlo, received first prize for best twenty-four blooms, but was so closely pressed by Wm. Kettlewell, of San Mateo, that a special prize was recommended by the judges for the latter. Wm. Eldred, of Burlingame, took the premium for best outdoor grown bloom with an immense Timothy Eaton. A splendid vase of Wm. Duckham, shown by Mr. Meyer, attracted much attention. L. Fenton showed a vase of very promising seedling carnations, for which he received the society's certificate of merit.

A pleasing incident was the presentation by the society of a handsome watch charm to the retiring president, H. Plath, who has served the society in the chair in such a satisfactory manner that his retirement is regretted by all. The charm is of gold and on the inverse side a golden poppy (eschscholtzia) is enameled. The presentation address was delivered in an able manner by Vice-President Wm. Eldred, and the response was appropriate and in the best vein of the pleased recipient. During the evening the entertainment committee served refreshments with a liberal hand, while in an adjoining hall the society's orchestra discoursed dance music for the members and their many friends.

On the evening of November 19 Prof. Schneider, the eminent scientific botanist of the State University, at Berkeley, delivered a lecture before this society on hybridization. The subject was treated from a scientific standpoint and the lecturer was given the closest attention.

Don't Wait

until you need cuttings. Order now; then you will have them when you want them.

Geraniums, Ivy Geraniums, Fuchsias, Double Petunias, Heliotrope and Bedding Plants in general, $6.00 per 1000.

Express prepaid on all orders received on or before December 15, 1904. Thirty varieties of **Carnation Cuttings.** Prices on application. Also **Dahlias, Cannas and Calla Bulbs.**

California Product Company,

Donohue Bldg., 8 Taylor St., SAN FRANCISCO, CAL.

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Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at **$16** per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, **$10** per 100 and from 2½-inch pots 6 to 8 inches high, **$12.50** per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

Mention The Review when you write.

Asparagus Plumosus Nanus Seed.

In quantities to suit. $2 25 per 1000. February delivery. Early orders requested.

REES & COMPERE,

R. D. 1, LONG BEACH, CAL.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

Big Stock.

ORANGE TREES

Write for Price List.

The Philippi Nurseries, Rocklin, Cal.

Philippi Bros., Props.

Mention The Review when you write.

During the discussion which followed Prof. Schneider answered at length many questions propounded by the members.

The newly elected officers are: President, Thomas A. Munro; vice-president, Wm. Eldred; secretary, Thos. F. Taylor; financial secretary, J. Atkinson; treasurer, Fred Cleis; librarian, A. Tymciou; trustees, W. A. Krabbenhaft, J. W. Bagge, Wm. Munro. T. T.

MILLDALE, CONN.—David Andrews has bought the interest of William Fischer in the green house plant and business of Fischer & Andrews.

MILWAUKEE, WIS.—B. G. Lambros states that he has bought the interest of Peter N. Kapsalis in the florists' business which has been conducted as Kapsalis & Lambros. Mr. Kapsalis has left town.

CONNELLSVILLE, PA.—It is stated that the new company in which Peter Demas and local growers are interested has secured a tract of twenty-seven acres of land and that bids are being asked for the erection of twenty-five greenhouses, each 20x200.

200,000 ROOTED

Carnation Cuttings

NOW READY.

WHITE	Per 100	Per 1000
Queen Louise	$1.00	$10.00
Flora Hill	1.00	10.00
Gov. Wolcott	1.00	10.00
Alba	2.00	15.00
White Cloud	1.00	10.00
PINK		
Lawson	1.20	12.50
Marquis	1.00	10.00
Enchantress	3.50	30.00
Mrs. Joost	1.00	10.00
McKinley	1.40	12.50
Mermaid	1.00	10.00
Cressbrook	1.00	10.00

SCARLET	Per 100	Per 1000
Crane	$1.00	$10.00
America	1.00	10.00
Estelle	1.40	12.50
CRIMSON		
Harlowarden	1.40	12.50
YELLOW		
Eldorado	1.10	12.50
Golden Beauty	1.40	12.50
VARIEGATED		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Armazindy	1 00	10.00
Viola Allen	1.20	11.00

Unrooted Cuttings at one-half price of Rooted Cuttings.

Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

100,000 Pansy Plants at $10.00 a thousand.

Loomis Carnation Co.

Lock Box 115. **Loomis, Cal.**

Mention The Review when you write.

300,000 Rooted Carnation Cuttings

NOW READY

☞ These low prices good only up to December 20th.

White:	Per 100	1000	5000
Queen Louise	$1.00	$10.00	$45.00
Flora Hill	1.00	10.00	45.00
Alba	1.40	12.50	60.00
Wolcott	1.00	10.00	45.00
Norway	1.00	10.00	45.00
White Cloud	1.00	10.00	45.00
Pink:			
Lawson	1.20	12 50	60.00
Marquis	1.00	10.00	45.00
Enchantress	3.50	30.00	....
Genevieve Lord	1.00	10.00	45.00
Mrs. Joost	1.00	10.00	45.00
Success	1.00	10.00	45.00
Mermaid	1.00	10.00	45.00
Cressbrook	1.00	10.00	45.00
McKinley	1.40	12.50	60.00

Scarlet:	Per 100	1000	5000
Crane, still ahead	$1.00	$10.00	$45.00
America	1.00	10.00	45.00
P. Palmer	1.00	10.00	45.00
Estelle	1.40	12.50	60.00
Crimson:			
Harlowarden	1.40	12.50	60.00
Gen. Gomez	1.00	10.00	45.00
Yellow:			
Golden Beauty	1.40	12.50	60.00
Eldorado	1.00	10.00	45.00
Variegated:			
Prosperity, fancy	1.40	12.50	60.00
Violania, still ahead	5.50	50.00	....
Marshall Field	1.40	12.50	60.00
Stella	1.40	12.50	60.00
Armazindy	1.00	10.00	45.00
Viola Allen	1.20	11.00	50.00

Unrooted Cuttings at half price.

25 at 100 or 1000 rates; 2500 at 5000 rate.

Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

California Carnation Company,

Lock Box 103. **LOOMIS, CAL.**

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Primula Chinensis

5 colors, 2 and 3-inch, $2.00 to $3.00 per 100.

CYCLAMEN GIGANTEUM, Vaughan's Seed, 3-inch, fine plants, $7 per 100.
GERANIUMS. R. C., $1.25 per 100.
HELIOTROPE. light and dark, R. C., $1 per 100.
PETUNIAS, R. C., single from California Giants, one of the finest collections in Cal. Flowers from 4 to 6 inches across. Double, from Dreer's and Henderson's sets, $1.25 per 100. Cash please.

FRED GROHE,

McDonald Avenue, SANTA ROSA, CAL.

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CARNATION ROOTED CUTTINGS NOW READY

	100	1000
Queen Louise, fine white	$1.20	$10.00
Alba, large white	1.40	12.00
America, red	1.00	10.00
Mrs. P. Palmer, big scarlet	1.20	10.00
G. H. Crane, scarlet	1.20	10.00
Eldorado, yel.	1.20	10.00
Marshall Field, barred	1.40	12.50
Armazindy, barred	$1.00	$10.00
Mrs. Joost, pink	1.20	10.00
Lawson, pink	1.40	12.50
Pres. McKinley, pink	1.40	12.50
Success, light pk.	1.20	10.00
Harlowarden, crimson	1.40	12.50
Gov. Roosevelt, crimson	1.40	12.50

Unrooted Cuttings one-half price. Terms—Cash with order or C.O.D., with privilege of examining. Express prepaid at above prices. All plants warranted true to name and well rooted.

HERMITAGE CARNATION CO., Loomis, Cal.

Mention The Review when you write.

MILTON, WIS.

This is the center of the celebrated Wisconsin tobacco district, whence comes a large part of the country's supply of smoke and an even larger part of the tobacco stems used for fumigating greenhouses. F. G. Borden is one of the largest dealers in leaf tobacco and in stripping it he accumulates an immense quantity of stems. He has heretofore found an outlet for these by selling in bulk in carload lots to the big growers near Chicago, but he has recently so increased his output that he has to bale the stems for shipment in smaller quantities and to greater distances. He proposes, also, to shortly put in some grinding machines and go into the manufacture of tobacco dust in a large way.

OTTAWA, ILL.

W. N. Brothers is in charge of the estate of the late Fred J. King, whose death, December 6, was wholly unexpected. Mr. King had suffered with lung trouble for several years and had several times been confined to his house, having been worse than usual this fall, but the fatal termination was not thought so near. He had a nice business and was making steady progress in it until ill health caused a slackening of his efforts. He was a member of the S. A. F., was widely known and universally well liked. Mrs. King survives.

Strong Rooted Carnation Cuttings

	Per 1000		Per 1000
Enchantress	$30 00	Adonis	$25.00
Lord	10.00	Flamingo	50.00
Angel	10 00	Estelle	15 00
Lawson	10.00	Bradt	10.00
Lady Bountiful	40.00	Mrs. M. A. Patten	40 00
Gov. Wolcott	10 00	Peru	10.00
Flora Hill	10.00	Queen Louise	8.00
Boston Market	20.00	Cash or C. O. D.	

SOL. GARLAND, Des Plaines, Ill.

Mention The Review when you write.

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.
CARNATIONS OUR SPECIALTY

Mention The Review when you write.

NEPHROLEPIS SCOTTII

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time. Prices—6-in. pot-grown, ready for 8-in., $15.00 per doz.; 7-in. pot-grown, $24.00 per doz.; 8-in. pot-grown, $36.00 per doz.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

Write Geo. A. Kuhl
PEKIN, ILL.

For Price List of Rooted Cuttings and 2x2½-in. Roses in following varieties:

Brides, Maids, Golden Gate, Ivory, Meteors, Souv. de Wootton, Kaiserin Aug. Vic., Perle des Jardins, Belle Siebrecht, LaFrance, President Carnot, Gen. MacArthur, La Detroit, Am. Beauties.

Mention The Review when you write.

CYCLAMEN GIGANTEUM.

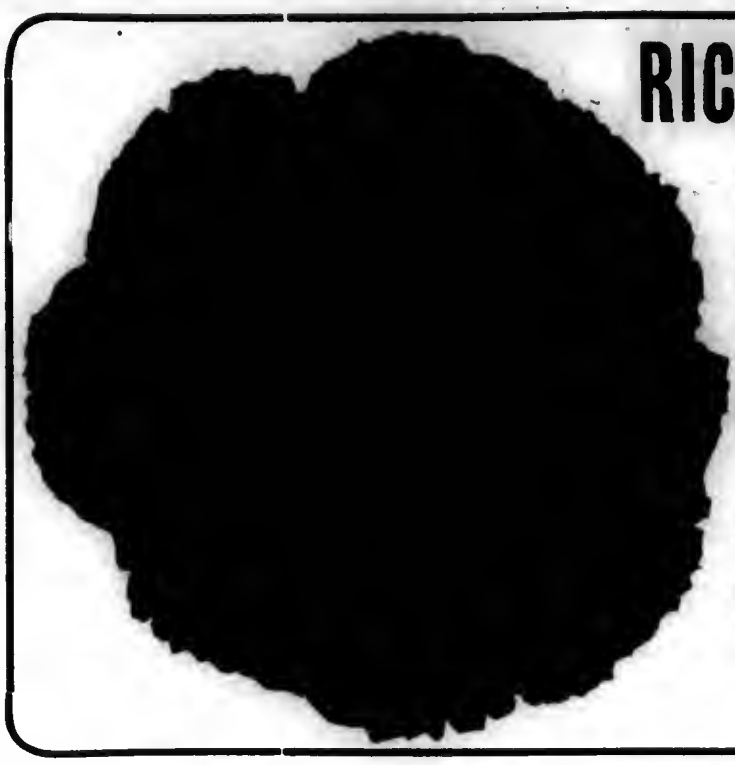
Large flowering plants, in bud, 3-in., $5.00 per 100.

Asparagus Plumosus Nanus, fine plants, 3-in., $3.00 per 100; 4-in., $7.00 per 100. Genistas, 3-in., $4.00 per 100.

Carnations, unrooted cuttings. Enchantress, $2.00 per 100; Lawson, $1.00 per 100; Crane, America and F. Hill, 75c per 100.

SAMUEL WHITTON, 15-17 Gray Ave. UTICA, N.Y.

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RICHMOND GEM
THE FINEST COMMERCIAL SCARLET
Ever Introduced.
PLACE YOUR ORDERS EARLY.
SEND FOR CIRCULAR.
Per 100, $10; per 1000, $75.

WE MUST HAVE ROOM!
The following stock plants of
Mums For Sale
at a Bargain:
Wm. Duckham, Dr. Enguehard, A. J. Balfour, Alice Byron, white and yellow Golden Chadwick, Yellow Eaton, Appleton, Omega and Marion Newell, large clumps and in good health. Write for prices.

B. K. & B. FLORAL CO.
RICHMOND, IND.

Mention The Review when you write.

Palmer's Red Lawson

NOW READY!

SPORT FROM THE FAMOUS MRS. THOMAS LAWSON
Planted May 18th, in full crop middle of August
ROOTED CUTTINGS:
$10.00 per 100
$40.00 per 500
$75.00 per 1000

Ask your *Brother Florist* if he saw it at the Detroit Carnation Show. Ten to one he will say it's a good carnation to grow. **Received CERTIFICATE OF MERIT at Detroit Carnation Show—scoring 87 pts.**

W. J. Palmer & Son
Lancaster, N. Y.

Mention The Review when you write.

RED SPORT (Of Maceo.)

This new "Bread and Butter" commercial brilliant "Crane" Red Carnation, now in its fourth year, has the hardy constitution of General Maceo, with a stronger heavier growth, longer and stiffer stem and a larger flower. Growing under the same conditions and in the same house with Flamingo and Estelle it has produced four times as many blooms as the former and twice as many blooms as the latter. The color is as good as Estelle and the bloom brings as much as does Estelle at its best. Every flower is of a uniform brilliant red, perfectly double with an ideal calyx, in fact we never saw a split one.

Red Sport is perfectly healthy, an easy variety to grow, an early and continuous bloomer, throwing its heaviest cuts around the Christmas holidays and during the Winter months when red is in demand. **Red Sport** will keep longer and travel farther than any other red carnation, and will prove a bonanza to the grower who does a shipping business. If the scarcity of reds in the market that now exists continues **Red Sport** will pay better to the square foot of bench than any other variety of any color to date. Every florist who has seen **Red Sport** growing has placed an order for rooted cuttings, which tells the tale. All our stock is sold up to January 25th. Orders filled in strict rotation from that date on. Price, 12 for $1.50, 25 for $2.50, 50 for $4.00 all post paid. $6.00 per 100, $50.00 per 1000, by express. We guarantee all cuttings to be well rooted and to arrive in good condition.

A. B. DAVIS & SON, Carnation Specialists, PURCELLVILLE, VA.

Mention The Review when you write.

NEW CARNATION
The best commercial red **Crisis**

Thoroughly tried. It is a money maker.

Send for Descriptive Price List

J. L. DILLON, BLOOMSBURG, PA.

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CARNATION

LIEUT. PEARY---Ward

New White Seedling Carnation, Delivery 1905

Pedigree. White seedlings for several generations.
Color. Snow white.
Fragrance. Very strong clove, decidedly fresh and pleasing.
Size. Large, averaging 3 inches in diameter on strong stiff stems, 18 to 20 inches in length.
Flower. Full, broad petaled and high center and of a fine symmetrical form.
Calyx. Long, strong and does not burst. Fine keeper and excellent shipper.
Habit. Strong and erect.
Grass. Medium width.
Constitution. Very vigorous and free from disease.

Cuttings root rapidly and will be sent out in the most perfect condition. Commences blooming Oct. 15th and flowers continuously throughout the Winter, affording an abundant crop. A first-class commercial variety in every respect. Now booking orders. Price, **$12 per 100; $100 per 1000.**

THE KING OF ALL CARNATIONS, THE NEW SCARLET SEEDLING

ROBERT CRAIG--Ward

Has been Awarded the following honors

PRELIMINARY CERTIFICATE.....American Carnation Society
SPECIAL DIPLOMA.....American Institute of New York
First-class Certificate of Merit.....Mass. Horticultural Society
First-class Certificate of Merit.....Penn. Horticultural Society
First-class Certificate of Merit.....New York Florists' Club
Craig Cup for the best undisseminated seedling.....Philadelphia
G. Hartman Kuhn Special Prize, for best undisseminated seedling.....Philadelphia

The largest, strongest stemmed, most vigorous, healthiest growing, most fragrant and the **Best Fancy Commercial SCARLET Carnation** produced to date. Ranks with Enchantress and Fiancee, having defeated the latter variety in all competitions at Philadelphia. The

Ideal Christmas Carnation, an Enormous Bloom.

Just the color of the Christmas Holly Berry. An easy doer; anybody can grow it. Having already entered orders for 100,000 cuttings for delivery season of 1906, we are still booking orders subject to buyer's cancellation if dissatisfied with variety at any time up to Dec. 1, 1905.

PRICES—$2.50 per doz.; $12 per 100; $100 per 1000; 2,500 lots at $95 per 1000; 5,000 lots at $90 per 1000; 10,000 lots or more at $80 per 1000. Send your orders early to

C. W. Ward, ORIGINATOR. Cottage Gardens Co., INCORPORATED. Queens, N. Y.

Mention The Review when you write.

Carnation Rooted Cuttings

	Per 100	Per 1000
Lady Bountiful	$6.00	$50.00
The Belle	6 00	50 00
Flamingo	6.00	50.00
Nelson Fisher	6 00	50 00
Mrs. Patten	6.00	50 00
Enchantress	3 50	30.00
Prosperity	3 00	25 00
Manley	3.00	25 00
Boston Market	3 00	25 00
Nelson	3.00	25.00
Harry Fenn	2 50	20 00
Gov. Wolcott	2.50	20.00
Adonis	2.50	20 00
Lawson	2 00	17.50
Fairmaid	2.00	17 50
White Cloud	1.50	12.50
Morning Glory	1.50	12 50
Joost	1.25	8 00

FERNS: Boston Ferns. 2½-inch, $5.00 per 100; 3-inch, at $8.00; 4-inch, at $15 00; 5-inch, at $25.00; 6 inch, at $40.00; 7-inch, at $90.00.

CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

CARNATIONS!

Well Rooted.... ....Now Ready.

	Per 100	Per 1000
WHITE LAWSON	$6.00	$50.00
MRS. M. A. PATTEN	6 00	50.00
FLAMINGO	6.00	50.00
ALBATROSS	6.00	50 00
NELSON FISHER	6.00	50.00
ENCHANTRESS	3.50	30.00
THE QUEEN	3.00	25.00
BOSTON MARKET	3 00	25.00
FAIR MAID	2.50	20.00
MRS. LAWSON	2 50	20.00

IMPERIAL GREENHOUSES, UTICA, N. Y.

Mention The Review when you write.

The QUEEN of all Variegated Carnations

VARIEGATED LAWSON

A Sport from Mrs. Thos. Lawson, awarded First-class Certificate of Merit by the Massachusetts Horticultural Society.

The fall shows proved the Lawson blood still ahead. You need this one. The best variegated on the market. Color, snow white, striped carmine, very distinct. Calyx much better than its parent. Very fragrant. Fine seller. Has very pleasing color effect. Free grower and bloomer, like its parent. House in full crop 10 weeks after planting. Cuttings guaranteed first-class. Prices—$2.00 per doz.: $10 00 per 100; $80.00 per 1000. 50 at 100 rate and 250 at 1000 rate. Delivery in rotation, beginning at once.

W. B. ARNOLD, Rockland Greenhouses

ROCKLAND, MASS.

Mention The Review when you write.

CARNATIONS

SELECTED YOUNG STOCK.

Flamingo, Enchantress, Queen, Queen Louise, Wolcott, Lawson, Floriana Lord and

FIANCEE

Kaiserin Roses and Chrysanthemum Novelties

Write for prices.

Fine large Duckham 'Mum Stock plants at $1.25 per doz.

ROBERT C. PYE, NYACK, N. Y.
Wholesale Carnation Grower.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

CARNATION CUTTINGS

Well Rooted from Selected Stock.

	Per 100	Per 1000
NELSON FISHER	$7.00	$60.00
MRS. M. A. PATTEN	6.00	50 00
FLAMINGO	6 00	50.00
CRUSADER	6.00	50.00
D. WHITNEY	5.00	40.00
ENCHANTRESS	4.00	30.00
H. FENN	3 00	25.00
MANLEY	3.00	25.00
FAIR MAID	2.50	20 00
QUEEN	3.00	25.00

BACKER & CO., Billerica, Mass.

Mention The Review when you write.

SATISFACTION ...IN... **ROOTED CUTTINGS.**

	Per 100	Per 1000		Per 100	Per 1000
Enchantress	$1.00	$30 00	W. Cloud	$1.50	$12.50
Lawson	1.50	12.50	Flora Hill	1.25	10.00
Joost	1,25	10.00	Q. Louise	1.25	10.00
Marquis	1.25	10.00	Estelle	2.50	20 00
B. Market	3.00	20.00	Prosperity	2.00	15.00

Quality is our Hobby.

W. C. HILL FLORAL CO., Streator, Illinois.

Mention The Review when you write.

BOSTON AND PIERSON FERNS.

We have about ten thousand feet of glass devoted to these and are crowded for room. To move our surplus we will give you extra value. Send for a sample lot. They are in from 6 to 10-inch pots and we will sell them at $6.00, $8.00, $9.00, $12.00, $15.00 and $18.00 per dozen.

FARFUGIUM GRANDE.

Our stock is finely variegated and in tip top shape. Price, 4-inch pots very bushy, $15.00 per 100.

ROOTED CUTTINGS We have just put in large lots of cuttings of the following and will have more than we need for our own use. Surplus is yours at $1.00 per 100; $7.50 per 1000 except where otherwise noted. Order quick.

COLEUS, 15 best beddera, 50c per 100; $4.00 per 1000.
AGERATUMS, Stella Gurney and Dwarf Beauty.
SANTOLINA TOMENTOSA.
ACHYRANTHES, Borbonica, Gilsoni and Lindeni.
PERISTROPHE ANGUSTIPOLIA.
SALVIA SPLENDENS, St. Louis, 75c per 100; $6.00 per 1000.
SALVIA OFFICINALIS VARIEGATA.
ACALYPHAS WILKESIANA and MACROPHYLLA.
LANTANAS, Amiel, Le Poitevine, Argus, Snowball, Ultimo, Craigi and delicatissima.
BASSELLA RUBRA, 75c per 100; $6.00 per 1000.
SWEET ALYSSUM, double, 50c per 100; $4.00 per 1000.
CUPHEA PLATYCENTRA, 60c per 100; $5.00 per 1000.
CARNATIONS, Mrs. Fisher, $1.25 per 100; $10.00 per 1000.
HELIOTROPES, Madam Bionay and Le Poitevine.

Special. Watch this list every week. We will offer the surplus from one house each week, at prices which ought to sell it. It will be offered only once. Something else next week. Price subject to stock being unsold. All first-class, in good condition, unless otherwise noted. Terms, "Prompt Cash."

Address MICHEL PLANT and BULB CO., St. Louis, Mo.

Mention The Review when you write.

CINCINNATI.

The Market.

Trade still remains rather quiet and stock conditions are about the same as last week. There is a good deal of snow on the ground and the weather is pretty cold. With Christmas rapidly approaching, we are still very much in the dark as to how the supply of stock will be, but from the best information at hand there will be no surplus in any line, and many varieties will be far short of the demand, notably red roses and carnations. Some very fine poinsettias are to be had this year and they are selling well. They are the main flower in many window displays at present.

Various Notes.

A recent visit to Chas. Pommert's fish farm and greenhouses proved to be very interesting. He makes a specialty of growing smilax and asparagus for the wholesale trade and makes a very profitable business of it. But his mainstay is the breeding of gold fish. He raises the fish by the tens of thousands and finds a ready market for them. In the winter they are kept in tanks in the greenhouses. In a special tank Mr. Pommert showed some fine specimens of the Japanese fantail gold fish, which were very pretty, and very expensive as well. Mr. Pommert's plant is at Amelia, O., which is about twenty-five miles from Cincinnati.

In the decorations for L. B. Reakirt's fancy dress ball, Julius Baer had one of the most elaborate decorations ever put up in this city, as well as one of the most expensive. Long-stemmed Beauties, Liberty and Chatenay roses and white mums, with wild smilax, formed the principal material for the display. The daily papers spoke very highly of the effect produced.

Visitors: E. J. Fancourt, of Philadelphia, and Miss White, of Lexington, Ky. C. J. Ohmer.

We would not do without the Review at twice the present subscription price.—G. H. Taepke, Detroit.

BEGONIA
GLOIRE DE LORRAINE
To Close Out Balance of Stock.
2½-inch, $1.00 per doz.; 3-inch, $1.50 per doz.; 6-inch, $9.00 per doz. **All in bloom.**
A. JABLONSKY, WELLSTON, ST. LOUIS, MO.
Mention The Review when you write.

50,000
ROOTED CUTTINGS
Geraniums—The "Six Kings" for bedding. S. A. Nutt, (D. crimson), Paul Bruant, (D. scarlet), J. Viaud, (D. pink), Beaute Poitevine, (Dbl. salmon), Mrs. E. G. Hill, (Single salmon), Mme. Buchner, (D. white). Large top cuttings, well rooted, $1.50 per 100; $14.00 per 1000.
Petunias—Double Fringed. We are headquarters for these. Six distinct novelties, labeled, $1.25 per 100; $10.00 per 1000.
Salvias—The two best. Drooping Beauty, (dwarf), Bonfire, (tall), 75c per 100; $7.00 per 1000.
Asparagus Plumosus Nanus—Plants from 3-inch pots, $3.00 per 100.
Carnations—Don't buy until you see our list.
The W. T. Buckley Co.
SPRINGFIELD, ILL.
Mention The Review when you write.

Asparagus Per 100
Plumosus Nanus, 2¼-in. pots, per 1000, $15.00; $2.00
Pansy Plants
Large flowering, per 1000, $2.50..... .60
—CASH—
Jos. H. Cunningham, Delaware, Ohio.

BOSTON FERNS!
2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.
Piersoni, strong rooted runners, $2.00 per 100.
Scottii, $5.00 per 100.
Plumosus, 2½-in., $3.00 per 100.
DAVIS BROS.,
Morrison, Ill., and Geneva, Ill.

Boston Ferns
Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots, at 25c, 50c, 75c, $1.00 each.
KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS
Cash or reference please.
L. H. Foster, 45 King St. **Dorchester, Mass.**

	Per 100
RUDBECKIA Extra choice, large clumps	$5.00
ASPARAGUS SPRENGERI, Extra quality, 2½-in. pots	2.00
ASPARAGUS PLUMOSUS, Extra quality, 2¼-in. pots	2.50
ASPARAGUS PLUMOSUS, Extra quality, 3-in. pots	4.00

Above prices cash with order.
JOHN BROD, Niles Center, Illinois
Mention The Review when you write.

XXX SEEDS
Verbena Improved mammotha; the very finest grown; mixed, 1000 seeds, 50c.
Cineraria. Finest large flowering dwarf, 1000 seeds, 50c.
Phlox Pumila Compacta. Very dwarf and compact; grand for pots; in finest colors, mixed. Trade pkt., 25c.
Alyssum Compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots. Trade pkt. 25c.
Chinese Primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.
Pansy, Finest Giants The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c.
Petunia. New star, from the finest marked flowers, extra choice. Trade pkt., 25c.
Cash. Liberal extra count of seeds in all packets.
SHAMROCK
...IRISH...
Strong and fine plants. Better order early. $4.00 per 100; or 60c. per doz., by mail.
JOHN F. RUPP, Shiremanstown, Pa.
THE HOME OF PRIMROSES.
Mention The Review when you write.

We Are Headquarters
Araucaria Excelsa, cheaper and better than anywhere else. Plants in 5½ in. pots, 4 to 5 tiers, bushy, 15 to 18 inches high, 75c; 6-in. pots, 20, 25 and 30 inches high, 5, 6 and 7 tiers, $1.00, $1.25 to $1.50 each.
Ficus Elastica or Rubber Plants, 6-in. pots, 22, 25 to 30 inches high, all perfect leaves, good from top to bottom, $5.00 to $6.00 per doz. Specimens, 7-in. pots, extra good, 75c each.
Boston Ferns, 5, 5½ to 6-in. pots, 25c 30c, 40c and 50c each. Specimens, 8-in. pots $1.00 each.
Dracæna Bruanti, 6-in. pots, 20 to 25 inches high, 50c each, $5.00 doz.
Kentia Forsteriana, made-up plants, 3 in a pot, 5, 6 to 6½-in. pots, 30 inches high, 75c each; 35 to 40 in. high, very fine, $1.00, $1.25 to $1.50 each.
Latania Borbonica, healthy plants, 5 to 6 leaves, 50c each.
Cocos Weddeliana, 3 inch, 15c each.
Cash with order.
All goods shipped at purchaser's risk.
Godfrey Aschmann, Wholesale Grower and Importer of Pot Plants.
1012 Ontario St., PHILADELPHIA, PA.
Bell Phone Tioga 3669 A.
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DAHLIAS
25 leading varieties, all under name, guaranteed true, including the best sorts in cultivation, such as Clifford W. Bruton, A. D. Livoni, Nymphaea, Lemon Giant, Fern Leaf Beauty, Snow Clad, White Swan, Frank Smith, etc.
We offer HEAVY FIELD CLUMPS, JUST AS DUG, $5.00 per hundred; $45.00 per thousand.
THE DINGEE & CONARD CO.
WEST GROVE, PA.
Mention The Review when you write.

Fred Burki

is the ideal Commercial White Carnation.

Its freedom of bloom coupled with its other meritorious qualities will commend it to the most conservative growers. You will make no mistake by growing **FRED BURKI.**

$12.00 per 100; $100.00 per 1000; 250 at 1000 rate.

JOHN MURCHIE,
SHARON, PA.

S. S. SKIDELSKY,
824 No. 24th St., Philadelphia.

WRITE FOR DESCRIPTIVE CIRCULAR.

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Chrysanthemum Novelties

We are headquarters for the best new varieties. Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Mileham, Lady Cranston, A. J. Miller, Mrs. D V. West, etc., etc. Complete list now ready. Send for a copy.

CHARLES H. TOTTY, MADISON, N. J.

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BOSTON FERNS, 2½, 3, 4, 5, 6, 7, 8 and 10 inch.
PIERSONI, 2½, 5, 6 and 7 inch.
SCOTTII, 4, 5 and 6 inch.
PLUMOSUS, 2½, 3, 4 and 5 inch.
SPRENGERI, 2½, 3 and 4 inch.

A few nice Rex and Blooming Begonias.

Let us know your wants for Christmas in cut flowers, we shall have **Roses, Carnations, Paper White Narcissus and Roman Hyacinths.** Write

GEO. A. KUHL,

PEKIN, ILL.

Mention The Review when you write.

WM. DUCKHAM

Extra fine strong clumps, $1 per doz.

CARNATIONS—Rooted Cuttings.

White Lawson	$6.00 per 100;	$50.00 per 1000
Flamingo	5 00 "	40.00 "
Enchantress	3 50 "	30.00 "
The Queen	2 50 "	20.00 "

The Cardinal, Jan. delivery, $12 00 per 100.

Larchmont Nurseries, Larchmont, N. Y.

Mention The Review when you write.

ORCHIDS

CATTLEYA MENDELLI Just arrived in fine condition, a shipment of this scarce and beautiful Orchid. Also Laelia Anceps, Oncidium Tigrinum, etc. Write for special list No. 14.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

BOSTON FERNS

4-inch, fine stock, $15.00 per 100.

VIOLETS—Field-grown Lady Campbell, $4.00 per 100.
CARNATIONS—Field-grown, white and pink, $4.00 per 100.
PELARGONIUMS—2-in., mixed var., $2 50 per 100.
GERANIUMS—R. C., leading var., $1.00 per 100.
COLEUS—R. C., 12 var. 60c per 100. Cash please.

Converse Greenhouses, WEBSTER, MASS.

Mention The Review when you write.

50,000 CANNAS!

Forty leading varieties, $10.00 per 1000 and upwards. Write for list and prices.

THE DINGEE & CONARD CO., West Grove, Pa.

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Florists' Review
When Writing Advertisers.

GERANIUMS

Good strong stocky plants from 2¼-in. pots.

DOUBLES—Bruanti, Comtess de Harcourt, La Favorite, Miss F. Perkins, Miss Kendell, Mme. Charrott Mme. Barney, Mme. Buchner, Mme. Canovas, S. A. Nutt, 40c per doz., $2.00 per 100, $20.00 per 1000. Centaure, Double Genl. Grant, Gloire de France, Jean Viaud, Le Cid, Mme. Landry, 40c per doz., $2.00 per 100, $17.50 per 1000.

SINGLES—Granville, L'Auba, Queen of the West, Single General Grant, 40c per doz., $2.00 per 100, $17.50 per 1000.

Special price for this week. Not less than 250 of any one variety of the following; $15.00 per 1000; 6000 for $100.00: Double General Grant, Gloire de France, Jean Viaud, Mme. Landry, Granville, and Queen of the West.

Send for our descriptive Geranium Catalogue.

Greenhouse Plants

2¼ in stock; not less than 5 of any one variety sold.

	Per 100	1000
Ageratums, dwarf white and Stella Gurney, 40c per doz	$2.00	
Alternanthera, red and yellow, in variety	2.00	$15.00
Alternanthera, rooted cutting	.60	5.00
Alyssum, dwarf and giant double, 40c per doz	2.00	
Aquilegia (Columbine), single mix'd.	3.00	
Coleus, good varieties	2.00	15.00
Gaillardia Grandiflora	3.00	
Hardy English Ivy	2.00	15.00
Heliotrope, good varieties	2.00	
Hibiscus, 3 varieties	3.00	
Hollyhock, double white and mixed, 3 in. pots	3 00	
Holt's Mammoth Sage	2.00	15.00
Lemon Verbena	2.50	17.50
Lantanas, 10 varieties	$2.00	$17.50
Maranta Massangeana	4.00	
Moonvines, white and blue, 50c doz.	3.00	
Rose, Marechal Niel, 3 in. pots	5.00	
Salvia, in variety	2.00	17.50
Smilax, strong	2.00	15.00
Swainsona Alba and Rosea	2.00	17.50
Sweet William, double mixed	3.00	

Write us for special price on large lots of any thing in this list.

DAHLIA ROOTS

Good selection of standard varieties, $5.00 per 100; $40.00 per 1000. Mixed $4.00 per 100: $35.00 per 1000. Send for list.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh, Md.

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250,000 Rooted Cuttings Carnations

NOW READY. All Orders Filled Full and Prompt.

	Per doz.	Per 100	Per 1000
Alba, big white	$ 25	$1 40	$12 50
Queen Louise, white	.20	1 20	10.00
Flora Hill, white	.20	1.20	10.00
Wolcott, white	.20	1 20	10.00
Norway, white	.20	1.20	10.00
Prosperity, fancy	.25	1.40	12.50
Lawson, pink	.25	1.40	12 50
The Marquis, pink	.20	1.20	10.00
Genevieve Lord, pink	$.20	$1.20	$10 00
Mrs. Joost, pink	.20	1.20	10 00
G. H. Crane, scarlet	.20	1.20	10.00
America, scarlet	.20	1.20	10.00
Potter Palmer, scarlet	.20	1.20	10.00
Harlowarden, crimson	.25	1.40	12 50
Gen. Gomez, crimson	.20	1.20	10 00
Eldorado, yellow	.20	1 20	10.00
Armazindy, var	20	1.20	10.00

6 at dozen rates; 25 at 100 rates; 250 at 1000 rates. Cash. If not satisfactory on arrival, return at once and money will be refunded promptly. We prepay express charges at above prices.

WM. LINFOOT, 317 N. Vermilion, DANVILLE, ILL.

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THE BEST

Dwarf Bright Red CANNA is

THE EXPRESS Awarded Gold Medal at St. Louis World's Fair.

OSCODA is a worthy companion, color of Queen Charlotte.

If interested let us quote you attractive prices.

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

Rooted Cuttings

PELARGONIUMS, 15 var., $2 25 per 100.
VERBENAS, 30 var., 60c per 100; $5.00 per 1000.
HELIOTROPE, 12 var., $1.00 per 100; $8 per 1000.
PETUNIAS, 20 var., $1.25 per 100; $10.00 per 1000.
SALVIAS, 6 var., $1.00 per 100; $8.00 per 1000.
GIANT ALYSSUM, $1.00 per 100; $8.00 per 1000.
AGERATUMS, 4 var., 60c per 100; $5.00 per 1000.
COLEUS, 40 var., 70c per 100; $6.00 per 1000.
DAISIES, $1.00 per 100.

Express prepaid on all R. C.
Cash with orders. Write

S. D. Brant, Clay Center, Kan.

Always mention the Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ACALYPHAS.

Acalyphas Wilkesiana and macrophylla, rooted cuttings, $1.00 100, $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

ACHYRANTHES.

Achyranthes Gilsoni, Lindeni and Borbonica, rooted cuttings, $1.00 100, $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

AGERATUMS.

Ageratums Stella Gurney and Dwarf Beauty, rooted cuttings, $1.00 100, $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Ageratum rooted cuttings, 4 var., 60c 100; $5.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Ageratums, Stella Gurney and dwarf white, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

ALTERNANTHERAS.

Alternantheras, red and yellow, in variety, 2¼-in., $2.00 100, $15.00 1000; rooted cuttings, 60c 100, $5.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

ALYSSUM.

Giant alyssum rooted cuttings, $1.00 100; $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Double sweet alyssum, rooted cuttings, 50c 100, $4.00 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Alyssum, dwarf and giant double, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Alyssum, double giant, fine 2-in., 2c, cash. See pansies. Byer Floral Co., Shippensburg, Pa.

ANTIRRHINUM.

Snapdragon, our giant pink, 2-in. pots, $6.00 100; $50.00 1000.
J. Breitmeyer's Sons, Detroit, Mich.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 5½-in., 4 to 5 tiers, 15 to 18 in. high, bushy, 75c; 6-in., 20, 25 and 30 in. high, 5, 6 and 7 tiers, $1.00, $1.25 to $1.50 each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa, from $1.25 to $2.00 each.
Wm. A. Bock, No. Cambridge, Mass.

ASPARAGUS.

50,000 Asparagus plumosus nanus, strong plants from bench, $8.00 per 1000; from 2½-in. pots, $16.00 per 1000, cash. Prepaid.
S. B. Ritter, Port Royal, S. C.

Asparagus plumosus, 2¼-in., $2.50; 3-in., $4.00. Sprengeri, 2¼-in., $2.00; 3-in., $3.00. Fine and pot-bound ready to shift.
S. M. Harbison, Danville, Ky.

Asparagus plumosus nanus, fine bushy stock from 2½-in pots, $3.00; from 3-in. pots, $5.00; from 3½-in. pots, $8.00 per 100.
Paul Mader, East Stroudsburg, Pa.

Asparagus Sprengeri, extra quality, 2½-in., $2.00 100. A. plumosus, extra quality, 2¼-in., $2.50 100; 3-in., $4.00.
John Brod, Niles Center, Ill.

Asparagus plumosus nanus, true, extra value, 2½-inch, $3.00 100; $25.00 per 1000; 3-inch, $5.00 100. Cash.
W. A. Wettlin, Hornellsville, N. Y.

Asparagus plumosus, 3-in., $6.00 per 100; Sprengeri, 3-in., $4.00 per 100.
Henry Fischer, 1st Toll Gate, Belair Ave., Baltimore, Md.

Asparagus Sprengeri, strong 2-in., $1.50 per 100; $12.00 per 1000.
Golden State Plant and Floral Co., Santa Monica, Cal.

A. plumosus nanus, strong, 2-in., 2½c; $22.50 per 1000; 3-in., 5c. Sprengeri, 2-in., 2c. Cash.
Byer Bros., Chambersburg, Pa.

Asparagus plumosus nanus, some A 1 stock, 2-in., $2.50, 3-in., $5.00 per 100.
Werick Bros. Co., Pine Ridge, Buffalo, N. Y.

Asparagus plumosus nanus, fine plants, 3-in., $3.00 100; 4-in., $7.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus nanus, 2¼-in. pots, $2.00 100, $15.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri and plumosus, strong 2-in., $2.50 per 100.
Iowa Seed Co., Des Moines, Iowa.

Asparagus plumosus nanus, 2½-in. pots, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

Asparagus Sprengeri 2½, 3 and 4-in; plumosus, 2½, 3, 4 and 5-in. Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, ready for 4-in., $15.00 1000. J. F. Allen, Orlando, Fla.

10,000 Asparagus plumosus, 3-in., $3.00 100. Cash. Lewis Ullrich, Tiffin, Ohio.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus nanus, 3-in., $3.00 100.
W. T. Buckley Co., Springfield, Ill.

Plumosus, fine, strong 3-in., $5.00 100.
C. Winterich, Defiance, Ohio.

Asparagus Sprengeri, 3-in. pots, $4.00 100.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Asparagus plumosus, 2½-in., $3.00 100.
Davis Bros., Geneva, Ill.

Asparagus plumosus, 3-in. pots, 8c.
H. W. Field, Northampton, Mass.

ASPIDISTRAS.

Aspidistras, fine healthy plants, 220 leaves, $4.00 for the lot, or 2c per leaf. Some of the leaves are large, others small.
H. S. Baker, Warsaw, N. Y.

Aspidistra lurida, 6 to 10-in. plants, 4c per leaf. Wm. Clark, Colorado Springs, Colo.

BASELLAS.

Basella rubra, rooted cuttings, 75c 100, $6.00 1000. Michel Plant and Bulb Co., St. Louis, Mo.

BAY TREES.

New price list on pyramid, Kaiser Kronen, and standard bay-trees. Orders booked now.
Julius Roehrs, Rutherford, N. J.

BUSINESS BRINGERS—
REVIEW Classified Advs.

BEDDING PLANTS.

Ludvig Mosbaek, Onarga, Ill. Alternantheras, red and yellow; August R. C., strong, $5.00 per 1000; by mail, 60c per 100. Alyssum, double, sweet, 2-inch, $2.00; R. C., mailed, $1.00 per 100. 10,000 geraniums, Nutt and 20 other varieties, 2¼-in., $20.00 per 1000. Petunias, double fringed, pure white, 2¼-in., $2.50; R. C., mailed, $1.25 per 100. 500,000 pansy plants, Florists' International, strong, transplanted from cold frame, $10.00 per 1000; extra strong, in bud and bloom, $1.50 per 100. Vinca variegata from 3-in. pots, $4.00; R. C., mailed, $1.00 per 100. Salvias in four named varieties, 2-in., $2.00 per 100. Daisies, forget-me-nots, sweet williams, $3.00 per 1000.

BEGONIAS.

Tuberous rooted begonias, single, sep. colors, $3.00 100, $27.50 1000; finest mixed, $2.75 100, $25.00 1000. Double, in 5 separate colors, $4.00 100; $37.50 1000; finest mixed, $3.75 100; $35.00 1000. N. Le Page, Mt. Vernon, N. Y.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Gloire de Lorraine, 2½-in., $1.00 doz.; 3-in., $1.50 doz.; 6-in., $9.00 doz. All in bloom. A. Jablonsky, Wellston, St. Louis, Mo.

Begonias Argenteo-guttata, speciata, rubra and several other good varieties, 40c per doz., $2.50 per 100. Harmon & Henderson, Iola, Kan.

A few nice Rex and blooming begonias. Write.
Geo. A. Kuhl, Pekin, Ill

Begonia Louise Erdody, 3-in., $7.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

BERRIED PLANTS.

Christmas peppers, full of fruit, 4 and 5-in., $5.00 and $7.00 per 100. Jerusalem cherries, 5-in., 6-in., and 7-in., very fine, $1.00 to $2.50 per doz. J. C. Schmidt Co., Bristol, Pa.

BULBS.

CLEARANCE SALE OF BULBS.
HIGHEST QUALITY.
UNUSUAL VALUES.
See our display adv. in Dec. 8 issue for varieties and prices.
JOHNSON & STOKES, 217-219 Market St., Philadelphia, Pa.

Last call for extra fine, late dug L. longiflorum, fine for Easter; 6 to 8, $3.00 100; $28.00 1000; 7 to 9, $4.50 100; $42.00 1000.
Amaryllis Belladonna, very large bulbs, forces fine, color beautiful rose, 75c 12; $5.00 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

Tulips La Reine, La Candeur, Chrysolora, Yellow Prince and Keizerskroon. Double-nose Von Sion, 1st size Von Sion, Paper White narcissus grand., 13 cms. up. Amaryllis and spiraea bulbs. Write for prices.
D. Rusconi, 32 W. 6th St., Cincinnati, O.

Bulbs.	Per 100.		Per 100
Lilium Canadense	$4	Lilium Rubrum	$6
Lilium Superbum	4	Lamene Grandi	6
Lilium Umbellatum	5	Trade list free.	

John Lewis Childs, Floral Park, N. Y.

If you want fine Mexican bulbs, see adv. under the heading of Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

We are the largest growers of FREESIA bulbs in the United States. Write us.
Rees & Compere, Long Beach, Cal.

Chinese Sacred lilies, Japan-grown callas on hand now. Prices on application.
Suzuki & Iida, 31 Barclay St., N. Y.

Milla and bessera bulbs, large and small, $5.00 per 1000. Will exchange.
C. R. Orcutt, San Diego, Cal.

Calla bulbs, dahlias and cannas. Write us.
California Product Co., 8 Taylor St., San Francisco, Cal.

Lilium auratum and speciosum, all sorts. Write
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

CACTI.

If you want fine CACTI see adv. under heading Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

CALLAS.

Calla bulblets, or offsetts, 40c per 100, or 300 for $1.00 cash. Should be set in the bench soon. Mrs. M. E. Patterson, Glendale, Cal.

CAMELLIAS.

Camellia plants in sorts; best German grower; spring delivery. Address A. Rolker & Sons, New York, 31 Barclay St., or P. O. Box 752.

CANNAS.

We have a large stock of what we believe to be the best varieties in the market, and are prepared to delivery dry roots or to grow on to young plants. Let us know your needs and we will quote you prices.

Alsace.	Chas. Henderson.
Beaute Poitevine.	Chatauqua.
Black Beauty.	David Harum.
Brandywine.	Duke of York.
Burbank.	Eastern Beauty.
Buttercup.	Evolution.
Explorateur Crampbel.	Jean Tissot.
Florence Vaughan.	Kate Gray.
George Washington.	Louise.
Gladiator.	Madam Crozy.
H. Wendlandt.	Metalica.
J. D. Cabos.	Niagara.
Partenope.	Queen Charlotte.
Paul Marquant.	Queen of Holland.
Pennsylvania.	Souv. d'Antoine Crozy.
Philadelphia.	Triumph.
Pillar of Fire.	West Grove.

Michel Plant and Bulb Co., St. Louis, Mo.

The Express, bright dwarf red, and Oscoda, color of Queen Charlotte are two good cannas. If interested write us.
Nathan Smith & Son, Adrian, Mich.

Cannas, 40 leading varieties, $10.00 1000 and upwards. Write for list and prices.
Dingee & Conard Co., West Grove, Pa.

CARNATIONS.

Field-grown carnation plants, strong and bushy, 1500 Lillian Pond, 300 Flora Hill, 75 Morning Glory, 150 Glacier.
Evenden Bros., Williamsport, Pa.

CRISIS, the best commercial red; thoroughly tried; it's a money-maker. Send to me for full description. J. L. Dillon, Bloomsburg, Pa.

Rooted carnation cuttings. Now ready.

White	100	1000	5000
Queen Louise	$1.00	$10.00	$45.00
Flora Hill	1.00	10.00	45.00
Alba	1.40	12.50	60.00
Wolcott	1.00	10.00	45.00
Norway	1.00	10.00	45.00
White Cloud	1.00	10.00	45.00
Pink			
Lawson	1.20	12.50	60.00
Marquis	1.00	10.00	45.00
Enchantress	3.50	30.00	
Genevieve Lord	1.00	10.00	45.00
Mrs. Joost	1.00	10.00	45.00
Success	1.00	10.00	45.00
Mermaid	1.00	10.00	45.00
Cressbrook	1.00	10.00	45.00
McKinley	1.40	12.50	60.00
Scarlet			
Crane	1.00	10.00	45.00
America	1.00	10.00	45.00
P. Palmer	1.00	10.00	45.00
Estelle	1.40	12.50	60.00
Crimson			
Harlowarden	1.40	12.50	60.00
Gen. Gomez	1.00	10.00	45.00
Yellow			
Golden Beauty	1.40	12.50	60.00
Eldorado	1.00	10.00	45.00
Variegated			
Prosperity, fancy	1.40	12.50	60.00
Violania	5.50	50.00	
Marshall Field	1.40	12.50	60.00
Stella	1.40	12.50	60.00
Armazindy	1.00	10.00	45.00
Viola Allen	1.20	11.00	50.00

Unrooted cuttings at ½ price.

25 at 100 or 1000 rate. 2500 at 5000 rate. Express prepaid. Cash or C. O. D. with privilege of examining at express office.

California Carnation Co., Loomis, Cal.

Carnation rooted cuttings.

White	100	1000	Scarlet	100	1000
Q. Louise	$1.00	$10.00	Crane	$1.00	$10.00
F. Hill	1.00	10.00	America	1.00	10.00
Alba	1.40	12.50	P. Palmer	1.00	10.00
Wolcott	1.00	10.00	Estelle	1.40	12.50
Norway	1.00	10.00	Manley	1.50	15.00
L. Pond	1.40	12.50	Apollo	1.50	15.00
Chicot	1.20	10.00	Yellow		
Pink			G. Beauty	1.40	12.50
Lawson	1.40	12.50	Eldorado	1.00	10.00
Enchantress	3.50	30.00	Variegated		
Joost	1.00	10.00	Prosperity	1.40	12.50
Success	1.00	10.00	M. Field	1.40	12.50
Mermaid	1.00	10.00	Stella	1.40	12.50
Cressbrook	1.00	10.00	Armazindy	1.00	10.00
McKinley	1.40	12.50	V. Allen	1.20	11.00
Mrs. R'sev't	1.40	12.50	Gaiety	1.20	11.00

Crimson—Harlowarden, $1.40 100; $12.50 1000. G. Roosevelt, $1.20 100; $10.00 1000. Special prices on large lots. Unrooted pips at half price. 25 at 100 rate; 250 at 1000 rate. Express prepaid. Cash or C. O. D. with privilege of examining.

Loomis Floral Co., Loomis, Cal.

200,000 rooted carnation cuttings now ready.

White	100	1000	Scarlet	100	1000
Q. Louise	$1.00	$10.00	Crane	$1.00	$10.00
F. Hill	1.00	10.00	America	1.00	10.00
Gov. Wolc't	1.00	10.00	Estelle	1.40	12.50
Alba	2.00	15.00	Crimson		
W. Cloud	1.00	10.00	Harlow'den	1.40	12.50
Pink			Yellow		
Lawson	1.20	12.50	Eldorado	1.10	12.50
Marquis	1.00	10.00	G. Beauty	1.40	12.50
Enchantress	3.50	30.00	Variegated		
Joost	1.00	10.00	Prosperity	1.40	12.50
McKinley	1.40	12.50	M. Field	1.40	12.50
Mermaid	1.00	10.00	Armazindy	1.00	10.00
Cressbrook	1.00	10.00	V. Allen	1.20	11.00

Unrooted cuttings at one-half price of rooted cuttings. Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

Loomis Carnation Co., L. B. 115, Loomis, Cal.

250,000 rooted carnation cuttings now ready. All orders filled full and prompt.

	100	1000		100	1000
Alba	$1.40	$12.50	G. Lord	$1.20	$10.00
Q. Louise	1.20	10.00	G. H. Crane	1.20	10.00
Flora Hill	1.20	10.00	America	1.20	10.00
Wolcott	1.20	10.00	P. Palmer	1.20	10.00
Norway	1.20	10.00	Harlow'den	1.40	12.50
Prosperity	1.40	12.50	Gen. Gomez	1.20	10.00
Lawson	1.40	12.50	Eldorado	1.20	10.00
Marquis	1.20	10.00	Armazindy	1.20	10.00
Mrs. Joost	1.20	10.00			

25 at 100 rate, 250 at 1000 rate. Cash. If not satisfactory on arrival, return at once and money will be refunded promptly. We prepay express charges at above prices.

Wm. Linfoot, 317 N. Vermillion St., Danville, Ill.

Rooted carnations, now ready.

	100	1000		100	1000
Ench'tress	$3.50	$27.50	Flamingo	$5.00	$40.00
Manley	3.00	25.00	B. Market	3.00	25.00
H. Fenn	2.50	20.00	Fair Maid	2.50	20.00
Wolcott	2.50	20.00	Lawson	2.50	20.00

Mrs. M. A. Patten, $6.00 100; $50.00 1000.

Henry A. Stevens Co., East St., Dedham, Mass.

Rooted cuttings of Mrs. Fisher, $1.25 100, $10.00 1000.

Michel Plant and Bulb Co., St. Louis, Mo.

Enchantress, unrooted cuttings, $2.00 per 100, prepaid. F. A. Norton, Ypsilanti, Mich.

Rooted carnation cuttings. Write for prices.

The Philippi Nurseries, Rocklin, Cal.

VICTORY, to be disseminated in 1906, is a true and brilliant scarlet, has a grand stem, does not burst, is never off crop, and is the best shipper and keeper ever introduced. Price: $12.00 100; $100.00 1000; 250 at 1000 rate.

Strong rooted cuttings of the following:

	100		100
White Lawson	$6.00	N. Fisher	$6.00
Enchantress	3.00	Prosperity	3.00
The Belle	6.00	L. Bountiful	6.00
H. Fenn	2.50	Goethe	2.50
Lord	2.50	Manley	3.00
Maceo	1.50	Cervera	2.00
Lawson	2.00		

5% discount for cash with orders.

Guttman & Weber, 52 W. 29th St., N. Y.

ROOTED CARNATION CUTTINGS.
JANUARY DELIVERY.
All orders filled in rotation.

	100		100
Mrs. Patten, var.	$6.00	Queen, white	$3.00
White Lawson	6.00	B. Market, white	3.00
Albatross, white	6.00	Queen Louise	2.00
Flamingo, scarlet	6.00	Lawson	2.00
Enchantress	3.50	Manley, scarlet	2.00
Challenger	2.00		

Write for prices on large lots; 5 per cent discount for cash with order.

James D. Cockcroft, Northport, L. I., N. Y.

RED SPORT, the new bread and butter, commercial red carnation, now in its fourth year, has the hardy constitution of Gen. Maceo, with a stronger, heavier growth, longer and stiffer stem and a larger flower. It will keep longer and travel farther than any other red carnation. All our stock is sold up to Jan. 25. Orders filled in strict rotation from that date on. 12 for $1.50, 25 for $2.50, 50 for $4.00, all postpaid; $6.00 per 100, $50.00 per 1000, by express.

We guarantee all cuttings to be well rooted and to arrive in good condition.

A. B. DAVIS & SON, Purcellville, Va.

The new scarlet seedling ROBERT CRAIG, the ideal Christmas carnation. Prices: $2.50 doz., $12.00 100, $100.00 1000. 2500 lots, $95.00 1000; 5000 lots, $90.00 1000; 10,000 lots or more, $80.00 1000.

The new white seedling LIEUT. PEARY, commences blooming Oct. 15 and flowers continuously through the winter. A first-class commercial variety in every respect. Prices: $12.00 100; $100.00 1000.

Send orders early to

Cottage Gardens Co., Inc., Queens, N. Y.

Carnation rooted cuttings.

	100	1000		100	1000
Q. Louise	$1.20	$10.00	Armazindy	$1.00	$10.00
Alba	1.40	12.50	Mrs. Joost	1.20	10.00
America	1.00	10.00	Lawson	1.40	12.50
Mrs. Palmer	1.20	10.00	McKinley	1.40	12.50
Crane	1.20	10.00	Success	1.20	10.00
M. Field	1.40	12.50	Harlow'den	1.40	12.50
G. Roosevelt	1.40	12.50	Eldorado	1.20	10.00

Cash or C. O. D. with privilege of examining. Express prepaid. Unrooted cuttings one-half price. Hermitage Carnation Co., Loomis, Cal.

WHITE LAWSON, which we introduced last year has given great satisfaction and has proved to be the finest WHITE CARNATION ever sent out. Remember that we are headquarters for it. We are now booking orders for early January delivery, at $7.00 100; $60.00 1000 for first-class, strong rooted cuttings.

We have all the other novelties of the season—Fiancee, Cardinal, Fred Burki, etc., also the cream of the older sorts—Mrs. Patten, Daheim, Enchantress, Flamingo, Mrs. Lawson, etc.

F. R. PIERSON CO., Tarrytown, New York.

Rooted carnation cuttings.

	100	1000		100	1000
L. Bountiful	$6.00	$50	Nelson	$3.00	$25.00
The Belle	6.00	50	H. Fenn	2.50	20.00
Flamingo	6.00	50	G. Wolcott	2.50	20.00
N. Fisher	6.00	50	Adonis	2.50	20.00
Mrs. Patten	6.00	50	Lawson	2.00	17.50
Enchantress	3.50	30	Fair Maid	2.00	17.50
Prosperity	3.00	25	W. Cloud	1.50	12.50
Manley	3.00	25	M. Glory	1.50	12.50
B. Market	3.00	25	Joost	1.25	8.00

W. J. & M. S. Vesey, Fort Wayne, Ind.

50,000 rooted carnation cuttings, good strong plants now ready for delivery.

	100	1000
Mrs. T. W. Lawson	$2.00	$15.00
W. Lawson	5.00	45.00
Enchantress	2.50	20.00
Boston Market	2.00	18.00
Mrs. M. A. Patten	4.50	40.00

50 at 200 rate, 500 at 1000 rate. Satisfaction guaranteed. Cash.

F. Boulon & Son, Sea Cliff, N. Y.

Strong, well-rooted carnation cuttings.

	1000		1000
Enchantress	$10.00	Flamingo	$50.00
Adonis	25.00	Lord	10.00
Angel	10.00	Estelle	15.00
Lawson	10.00	Bradt	10.00
L. Bountiful	40.00	Mrs. Patten	40.00
Gov. Wolcott	10.00	Peru	10.00
Flora Hill	10.00	Q. Louise	8.00
B. Market	20.00	Cash or C. O. D.	

Sol. Garland, Desplaines, Ill.

Place your order now for the new carnation FRED BURKI. Will be disseminated in 1905. Price: $12.00 100, $100.00 1000; 250 at 1000 rate. Address S. S. Skidelsky, 824 No. 24th St., Philadelphia. Or,

John Murchie, Sharon, Pa.

The queen of all variegated carnations is VARIEGATED LAWSON. The fall shows proved the Lawson blood still ahead. You need this one, the best variegated on the market. Cuttings, guaranteed first-class, $2.00 per doz.; $10.00 per 100; $80.00 per 1000; 50 at 100 rate; 250 at 1000 rate. Delivery in rotation, beginning at once.

W. B. ARNOLD

Rockland Greenhouses. Rockland, Mass.

Carnation cuttings.

	100	1000		100	1000
Enchantress	$4	$30	M. A. Patten	$6	$50
Queen	3	25	Lawson	2	15
Fair Maid	3	25	Wolcott	2	15
Harry Fenn	3	25	Manley	2	15
Q. Louise	2	15	Estelle	2	15

Our stock is first-class, and we guarantee our cuttings to be A1 and well-rooted.

The Lewis Conservatories, Marlboro, Mass.

Carnation cuttings, well-rooted, from selected stock.

	100	1000		100	1000
Nelson Fisher	$7.00	$60	Enchantress	$4.00	$30
Mrs. Patten	6.00	50	H. Fenn	3.00	25
Flamingo	6.00	50	Manley	3.00	25
Crusader	6.00	50	Fair Maid	2.50	20
D. Whitney	5.00	40	Queen	3.00	25

Backer & Co., Billerica, Mass.

Carnation rooted cuttings.

	100	1000		100	1000
Enchant.	$4.00	$30.00	Joost	$1.25	$10.00
Lawson	1.50	12.50	Marquis	1.25	10.00
B. Mkt.	3.00	20.00	W. Cloud	1.50	12.50
F. Hill	1.25	10.00	Q. Louise	1.25	10.00
Estelle	2.50	20.00	Prosperity	2.00	15.00

W. C. Hill Floral Co., Streator, Ill.

Carnations, well-rooted, ready now.

	100	1000		100	1000
W. Lawson	$6.00	$50.00	Enchantr'ss	$3.50	$30.00
Mrs. Patten	6.00	50.00	The Queen	3.00	25.00
Flamingo	6.00	50.00	B. Market	3.00	25.00
Albatross	6.00	50.00	Fair Maid	2.50	20.00
N. Fisher	6.00	50.00	Mrs. Lawson	2.50	20.00

Imperial Greenhouses, Utica, N. Y.

Our specialty, in carnations, is UNROOTED CUTTINGS. We have the best varieties for business. Fair Maid, Mrs. Thos. W. Lawson, Boston Market, Queen, $10.00 per 1000; 250 or more at 1000 rate. Careful packing and prompt shipment. Cash, please.

STEPHEN CHASE, Nashua, N. H.

Carnation rooted cuttings.

White Lawson	$7.00	100,	$60.00 1000
Flamingo	7.00	100,	60.00 1000
Lady Bountiful	6.00	100,	50.00 1000
Nelson Fisher	6.00	100,	50.00 1000
Crusader	6.00	100,	50.00 1000

John Breitmeyer's Sons, Detroit, Mich.

Surplus stock of fine carnations, such as Joost, Floriana, Dorothy, Glacier, Flora Hill, Queen Louise, Lillian Pond, Roosevelt, at $5.00 per 100, or will exchange for Princess of Wales violets.

Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

The CARDINAL is the best scarlet carnation to be introduced this season. Rooted cuttings ready Jan. 1, 1905.

Orders booked by

E. G. Hill Co., Richmond, Ind.
Chicago Carnation Co., Joliet, Ill.
S. S. Skidelsky, 824 No. 24th St., Phila.

Orders taken for strong, healthy rooted cuttings. Price per 1000, Enchantress, $30.00; Prosperity and Nelson, $25.00; Lawson, Estelle and Wolcott, $20.00; Q. Louise and H. Maid, $15.00. Henry Baer, R. F. D. 3, Peoria, Ill.

Well-rooted cuttings, ready now. Per 100:

Enchantress	$2.50	Lawson	$1.50
Fairmaid	2.50	Flora Hill	1.00
Boston Market	2.50	Joost	1.00

F. P. Sawyer, Clinton, Mass.

PALMER'S RED LAWSON, sport from the famous Mrs. Thos. Lawson. Planted May 18, in full crop middle of August. Rooted cuttings, $10.00 100; $40.00 500; $75.00 1000.

W. J. Palmer & Son, Lancaster, N. Y.

Carnations, extra fine.

Fred Burki	$12.00	100,	$100.00 1000
Cardinal	12.00	100,	100.00 1000
Fiancee	12.00	100,	100.00 1000

S. S. Pennock, 1612 Ludlow St., Phila., Pa.

Carnations. Selected young stock of Flamingo, Enchantress, Queen, Queen Louise, Wolcott, Lawson, Floriana, Lord and Fiancee. Write for prices. Robt. C. Pye, Nyack, N. Y.

MY MARYLAND, the largest, most productive, most profitable white carnation yet raised will be disseminated in 1906. Write us about it.

H. Weber & Sons, Oakland, Md.

Carnation WM. PENN, a new pink well worth a trial by every grower of carnations. Send for descriptive list now.

Albert M. Herr, Lancaster, Pa.

Unrooted carnation cuttings of Enchantress, $2.00 100; Lawson, $1.00 100; Crane, America and F. Hill, 75c 100.

S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Rooted cuttings, 30 varieties. Prices reasonable. Write

California Product Co., 8 Taylor St., San Francisco, Cal.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CARNATIONS—Continued.

Rooted carnation cuttings.

	100	1000		100	1000
W. Lawson	$6.00	$50	Enchantress	$3.50	$30
Flamingo	5.00	40	The Queen	2.50	20

The Cardinal, January delivery, $12.00 per 100. Larchmont Nurseries, Larchmont, N. Y.

Unrooted carnation cuttings, Lawson and Boston Market, $1.00; Enchantress, $2.00 per 100.
E. V. Myers, Florist, St. Joseph, Mo.

Mrs. Fisher, rooted cuttings from soil, $1.50 per 100; $12.00 per 1000.
G. Hanson, So. Cameron St., Harrisburg, Pa.

Carnations. Novelties and standards. Write
F. Dorner & Sons Co., Lafayette, Ind.

CHRYSANTHEMUMS.

Chrysanthemum stock plants, all the best new things and the best of the standard sorts.
Willowbrook, W. H. Chadwick, Maud Dean, Mrs. Perrin, Pacific, Hero of Mafeking, Lady Harriott, Mrs. Robinson, Mrs. O. P. Bassett, Mrs. Jerome Jones, Maj. Bonnaffon, Opah, Omega, Pink Ivory, Polly Rose, $5.00 per 100.
Lord Salisbury, Mrs. T. W. Pockett, Mrs. Coombes, Mabel Morgan, Marie Liger, Nellie Pockett, Alice Byron, Mrs. F. S. Vallis, S. T. Wright, Col. Appleton, F. S. Vallis, Golden Beauty, Golden Wedding, Timothy Eaton, V. Morel, White Bonnaffon, Percy Plumridge, Jennie Falconer, $10.00 per 100.
Durban's Pride, Mrs. Thirkell, Ben Wells, Cheltoni, F. A. Cobbold, Gen. Hutton, Henry Barnes, Harrison Dick, Kimberly, Leila Filkins, Mildred Ware, Maynell, Mary Inglis, W. Duckham, Dr. Enguehard, $15.00 per 100.
Cash with order, or 25% cash with all C. O. D. orders. 5 of any one variety at 100 rate.
Warrick Bros., 498 Locust Ave., Washington, Pa.

Chrysanthemum stock plants. The best new and old standard sorts.
The new ones. Alice Byron (best early season white, Duckham, Dr. Enguehard, Ben Wells, Cheltoni, F. A. Cobbold, Guy Hamilton, H. Plumridge, Kimberly, Mildred Ware, L. Filkins, Maynell, Ida Barwood, F. S. Vallis, S. T. Wright, W. R. Church, Mrs. Buckbee, Golden Age, Rockford, Helen Frick, Mrs. N. Smith, 15c each, $1.50 doz.
Golden Wedding, Silver Wedding, Lavender Queen, White and Yellow Jones, Estelle, Polly Rose, Col. Appleton, Robinson, Henderson, Mme. Diedereichs, 8c each, 75c doz.
No order filled for less than $1.00. Satisfaction guaranteed. Cash.
Critchell's, Avondale, Cincinnati, Ohio.

CHRYSANTHEMUM STOCK PLANTS.
White—Estelle, Kalb, Robinson, Wanamaker, Eaton, White Mayflower, Ivory, Chadwick, Jerome Jones, White Bonnaffon.
Yellow—October Sunshine, Monrovia, Omega, Bonnaffon, Mournier, Yellow Mayflower, Yellow Jones, Appleton, Golden Wedding, Golden Beauty, Yellow Eaton.
Pink—Wm. Duckham, J. K. Shaw, Lavender Queen, Marion Newell, Richardson, Marie Liger, Viviand-Morel, Mrs. Murdock, Perrin, Pacific.
Red—Oakland, M. P. Labbe.
Price, 10 cents each; $1.00 doz.
WIETOR BROS., 51 Wabash Ave., Chicago.

Chrysanthemum stock plants.

	Each	12		Each	12
Dr. Enguehard	35c	$3	Rockford	25c	$3
W. Mrs. Tranter	35c	3	Uncle John	35c	3
American Beauty	35c	3	Mrs. Probin	35c	
S. J. Wright	50c	5	Mrs. Newell	35c	

Pacific, Polly Rose, Willow Brook, Ivory, Mrs. J. Jones, 10c ea.; $6.00 100. Orizaba, Halliday, Monrovia, Merry Xmas, Liger, H. Sinclair, 10c ea.; $7.00 100.
H. Weber & Sons, Oakland, Md.

The new white chrysanthemums, MAJESTIC and ADELIA were World's Fair prize winners. Having an immense stock of rooted cuttings of these two varieties we offer them at the low price of $3.00 doz.; $15.00 100; $125.00 1000. From 2-in. pots, 5c additional. Madonna, a fine pink, at same prices.
JOHN BREITMEYER'S SONS, Detroit, Mich.

Chrysanthemums. Strong stock plants of Dr. Enguehard, $1.00 per doz. Silver Wedding, Col. D. Appleton, Mrs. Jerome Jones, Columbia, Grates, W. K. Rieman, Helen Bloodgood, Marie Liger, White Bonnaffon, Mrs. S. J. Tranter, 75c per doz.
C. W. Reimers, Hite Ave., Louisville, Ky.

Chrysanthemum stock plants. Per 100:

Bonnaffon	$ 5.00	Pink Ivory	$ 5.00
White Bonnaffon	5.00	Mrs. Weeks	5.00
Goldmine	5.00	Marie Liger	12.00
Jerome Jones	5.00	Chadwick	12.00
Convention Hall	12.00	Yellow Eaton	12.00

G. Hanson, So. Cameron St., Harrisburg, Pa.

Among the new varieties which we had on trial for this year are some magnificent sorts, 9 of which have been awarded certificates. Send for our trade list which gives varieties, prices and full descriptions of each.
E. G. HILL CO., Richmond, Ind.

Chrysanthemums, good clean stock of G. Pacific, Robinson, Kalb, Maud Dean and October Sunshine to close out at $3.00 per 100. Cash.
W. T. Stephens Co., Brookfield, Mo.

Chrysanthemum stock plants of Balfour, Halliday, White and Yellow Bonnaffon, Appleton, Minnie Bailey, Ivory, Eaton, Pacific, Kalb, Whilldin, Estelle and Duckham. Write for prices. We have a large stock of Ivory.
Wm. Swayne, Box 226, Kennett Square, Pa.

Chrysanthemum novelties. We are headquarters for the best new varieties, Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Mileham, Lady Cranston, A. J. Miller, Mrs. D. V. West, etc. Complete list now ready. Send for copy. Chas. H. Totty, Madison, N. J.

Chrysanthemums Wm. Duckham, Dr. Enguehard, A. J. Balfour, Alice Byron, white and yellow; Golden Chadwick, Yellow Eaton, Appleton, Omega and Marion Newell, large, good healthy clumps. Write for prices.
The B. K. & B. Floral Co., Richmond, Ind.

Chrysanthemum stock plants. Coombes, Robinson, Halliday, Tranter, Alice Byron, Chamberlain, Golden Wedding, Cadbury, $5.00 per 100. These plants were grown in solid beds, making extra fine clumps.
The Summerfield Floral Co., Springfield, Mo.

New pink chrysanthemum, Dr. Enguehard, $2.00 doz., $15.00 100. Cash or satisfactory reference. Jos. Tailby & Son, Wellesley, Mass.

Chrysanthemum novelties. Fine, large stock plants of Duckham chrysanthemum, $1.25 per doz. Robt. C. Pye, Nyack, N. Y.

White Maud Dean stock plants, 25c each, $2.50 per doz., identical with Pink Maud Dean.
Evenden Bros., Williamsport, Pa.

Chrysanthemum stock plants, Col. D. Appleton, $4.00 per 100 while they last.
Baur Floral Co., 20 W. 10th St., Erie, Pa.

Chrysanthemums. Wm. Duckham, extra fine, strong clumps, $1.00 per doz.
Larchmont Nurseries, Larchmont, N. Y.

WM. DUCKHAM stock plants, 15c each, $1.50 doz.; 2½-in. plants, 75c doz.
Emil Glauber, Montclair, Colo.

CINERARIAS.

Cinerarias, very fine, stocky plants, select strain, ready for 3½-in. pots, $3.00 per 100.
Port Alleghany Greenhouses, Port Alleghany, Pa.

Cinerarias, 3-in., thoroughly rooted; stalky plants ready for shift, $4.00 per 100.
Valley Greenhouse Co., Sewickley, Pa.

Cinerarias, 3-in., strong plants, mixed colors, $3.00 100. F. J. Prouty, Spencer, Mass.

Cinerarias, in bloom, $1.80 doz.
Carl Meier, Green Bay, Wis.

CLEMATIS.

Large-flowered clematis, purple, lavender, white and red sorts, 2 yr., 18c; 1 yr., 9c.
W. H. Salter, Rochester, N. Y.

COLEUS.

Coleus rooted cuttings, 60c per 100, $5.00 per 1000; 2-in., $2.00 100, $18.00 1000. Golden Bedder, Verschaffeltii and other varieties. Orders booked for future delivery.
E. B. Randolph, Delavan, Ill.

Coleus, rooted cuttings, fine, strong, bushy plants; choice varieties from 2½-in. pots, $2.50 per 100.
O. B. Wisner, 2476 Cherry St., Toledo, O.

Coleus rooted cuttings, 40 var., 70c 100; $6.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Coleus, rooted cuttings, 15 best bedders, 50c 100, $4.00 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Coleus, good varieties, 2¼-in., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Coleus, R. C., 12 varieties, 60c per 100. Cash, please. Converse Greenhouses, Webster, Mass.

CUPHEAS.

Cupheas platycentra, rooted cuttings, 60c 100, $5.00 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

CYCLAMEN.

Cyclamen giganteum, large flowering plants in bud, 3-in., $5.00 per 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen giganteum, 3-in., fine plants, $7.00 100. Cash, please. Fred Grohe, Santa Rosa, Cal.

Cyclamen, fine plants, in bud and bloom, $3.00 doz. Carl Meier, Green Bay, Wis.

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DAHLIAS. Half a million pot roots ready for dispatch. The largest and most up-to-date collection in the world. Special low quotations to the trade upon receipt of requirements. Catalogues free.
The Horticulture Company, Champion Dahlia Specialists, Cheadle-Hulme, Cheshire, England.

DAHLIAS. Pot roots for immediate shipment. Every section, including the popular CACTUS dahlias, at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 100. These are postpaid terms; note this when comparing prices.
Twelve seedling CACTUS dahlias, all 1903 sorts, and certificated by the Dahlia societies in England, $2.50 postpaid.
1904 seedling CACTUS dahlias. A rare opportunity; only a few to offer at $1.25 each, postpaid, in quantities of not less than 4 sorts, or 1 of each (there are 16 of them) for $16.00, postpaid.
Terms: Cash with order. Catalogue free.
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Dahlias. 25 leading var., such as C. W. Bruton, A. D. Livoni, Nymphaea, Lemon Giant, Fern Leaf Beauty, Snow Clad, White Swan, Frank Smith, etc. Heavy, field clumps, $5.00 100; $45.00 1000.
The Dingee & Conard Co., West Grove, Pa.

Dahlia roots. Good selection of standard varieties, $5.00 100; $40.00 1000. Mixed, $4.00 100; $35.00 1000. Send for list.
R. Vincent, Jr. & Son, White Marsh, Md.

Dahlias, over 200 distinct varieties, new and up-to-date in all classifications. List and prices on application.
Palisades Nurseries, Sparkill, N. Y.

DAISIES.

Orders booked now for Mr. Burbank's
NEW SHASTA DAISIES
ALASKA, CALIFORNIA, WESTRALIA
$3.00 doz.; $15.00 100. Having obtained my stock from Mr. Burbank, it is warranted to be pure and true to name. Plants ready now. Postal for circular. Shasta daisy "Shasta," strong field plants, $3.00 100. Small plants, one-third less. Prepaid. Cash, please.
Fred Grohe, Santa Rosa, Cal.

Daisies, $1.00 per 100.
S. D. Brant, Clay Center, Kan.

DRACÆNAS.

Dracaena indivisa, 6 to 10 inches high, fine stock to grow on, $5.00 per 1000.
Golden State Plant and Floral Co., Santa Monica, Cal.

Dracaena indivisa, strong 2½-in., $2.50 per 100; 4-in., $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Dracaena terminalis, nicely colored, 4-in. stock, at $15.00 per 100.
Werick Bros. Co., Pine Ridge, Buffalo, N. Y.

Dracaena Bruanti, 6-in., 20 to 25 inches high, 50c each, $5.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Dracaena indivisa, 5-in. pots, 20c; 6-in. pots, 25c. T. W. A. Smith, Biddeford, Me.

EUPHORBIAS.

Euphorbia splendens, 2½-in., $7.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

FARFUGIUMS.

Farfugium grande, bushy, 3-in., $10.00 per 100. Iowa Seed Co., Des Moines, Iowa.

FERNS.

Boston ferns, cut from bench for 6-in. pots. These ferns are nice and bushy, grown in full light, and run from 18 to 35 fronds to a plant. If taken as they run will sell for $25.00 per 100, if the best ones are wanted will sell for $35.00 per 100. Selling them at this price as we must have the space for other stock.
Edwin Wickersham & Co., 643 High St., Pottstown, Pa.

Boston ferns, 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100. Piersoni rooted runners, $2.00 100. Scottii, $5.00 100.
Davis Bros., Geneva, Ill.

A few thousand Pierson ferns, strong, from beds, $12.50 per 1000; Boston ferns, $10.00 per 1000. Cash. Other sword ferns, very low. Send for special list.
A. L. Hatch, Rockledge, Fla.

Boston ferns, extra fine stock cut from bench for 5, 6, 7, 8-inch pots, at $25.00, $50.00, $75.00, $100.00 per 100.
L. H. Foster, 45 King St., Dorchester, Mass.

Nephrolepis Scottii, 6-in., pot-grown, ready for 8-in., $15.00 doz.; 7-in., $24.00 doz.; 8-in., $36.00 doz.
John Scott, Keap St., Brooklyn, N. Y.

Boston ferns in 2½-in. to 10-in. Piersoni, 2½-in. to 7-in. Scottii, 4-in. to 6-in.
Geo. A. Kuhl, Pekin, Ill.

Assorted ferns for jardinieres, in all the leading varieties, 2¼-in., $3.00 per 100; $25.00 per 1000. Frank Eskesen, Madison, N. J.

Boston ferns, 3-in., 6c; 4-in., 12c; 5-in., 25c; 6-in., 35c; 7-in., 60c. Pierson ferns, 3-in., 8c; 4-in., 15c. S. M. Harbison, Danville, Ky.

Boston ferns. Stocky plants with short fronds, good value; 6-in. pots, 50c each, $6.00 doz. J. W. Young, Germantown, Phila., Pa.

Boston ferns taken from bench, $10.00, $15.00, $20.00, $25.00 and $50.00 per 100. Extra fine stock. Wm. A. Bock, No. Cambridge, Mass.

Boston ferns, fine plants, 5-in. pots, 20c; 4-in. pots, 15c. Nephrolepis Fosteriana, fine, 4-in. pots, 15c. T. W. A. Smith, Biddeford, Me.

Boston ferns, 2½-in., $5.00 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c; 6-in., 40c; 7-in., 90c.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Boston ferns, 5 to 6-in., 25c to 50c each; specimens, 8-in., $1.00 each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Boston ferns, 3, 4 and 5-in. Fine stock. Write for lowest prices.
Swan Peterson Floral Co., Gibson City, Ill.

Boston ferns, 3-in., 4-in. and 5-in., 8c, 15c and 20c.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Boston ferns, 5-in. pots, 25c; 6-in. pots, 35c.
H. W. Field, Northampton, Mass.

Boston ferns, 4-in., fine stock, $15.00 100.
Converse Greenhouses, Webster, Mass.

GARDENIAS.

Gardenia grandiflora plants, field-grown and healthy 1-yr. plants, 12 to 18 in., well-rooted and branched, $3.00 per doz., $18.00 per 100; 2-yr. plants, very fine, $5.00 per doz., $25.00 per 100, 50 at 100 rate. I prepay express charges.
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Genistas, 3-in., $4.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

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REVIEW Classified Advs.

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Geraniums; good, strong, stocky plants from 2¼-in. pots.

Double.	12	100	1000
Bruanti, dbl. orange red	40c	$2	$20.00
Centaure, beautiful rose pink	40c	2	17.50
C. de Harcourt, pure white	40c	2	20.00
Dbl. Gen. Grant, vermilion scarlet	40c	2	17.50
Gloire de France, white, pink shading	40c	2	17.50
Jean Viaud, bright rose pink	40c	2	17.50
Le Cid, dark scarlet crimson	40c	2	17.50
La Favorite, pure white	40c	2	20.00
Miss F. Perkins, light pink	40c	2	20.00
Miss Kendall, dark cerisette	40c	2	20.00
Mme. Charrott, rosy salmon pink	40c	2	20.00
Mme. Barney, rose pink	40c	2	20.00
Mme. Buchner, white	40c	2	20.00
Mme. Landry, apricot salmon	40c	2	17.50
Mme. Canovas, dark maroon	40c	2	20.00
S. A. Nutt, scarlet crimson	40c	2	20.00
Singles.			
Granville, rose pink	40c	2	17.50
L'Auba, pure white	40c	2	17.50
Queen of the West, orange scarlet	40c	2	17.50
Sgl. Gen. Grant, crimson scarlet	40c	2	17.50

SPECIAL PRICE FOR THIS WEEK.
Not less than 250 of any one variety of the following at $15.00 per 1000; 6000 for $100.00: Dbl. Gen. Grant, Gloire de France, Jean Viaud, Mme. Landry, Granville and Queen of the West.
Send for our descriptive geranium catalogue.
R. Vincent, Jr. & Son, White Marsh, Md.

Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong 2½-in. plants, $5.00 per 100.
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Geranium cuttings, well rooted. Nutt, La Favorite, Paul Bruant, R. R. Gosslin, Dbl. Salmon Pink, Mme. Salleroi, all good strong top cuttings at $1.25 per 100. Cash with order.
Logan Avenue Greenhouses, 1227 Logan Avenue, Danville, Ill.

Geraniums, well-rooted cuttings of S. A. Nutt, Le Soleil, Beaute Poitevine, Mme. Buchner, Mme. Landry, De Harcourt, rose scented, $1.25 100, $10.00 1000. Cash.
C. B. Shisler, Williamsville, N. Y.

Geranium PETER HENDERSON, a very much improved double Grant, should be in every growers' collection.
Strong rooted cuttings delivered free at 50c per doz. Albert M. Herr, Lancaster, Pa.

Geraniums, mixed; fine, stocky plants in 2¼-in. pots. Bruant, S. A. Nutt, Castaline, Jean Viaud and other leading bedders, $1.75 per 100.
Buterbaugh & Sprinkle, Waynesboro, Pa.

Geraniums, rooted cuttings. S. A. Nutt, Paul Bruant, Viaud, B. Poitevine, Mrs. E. G. Hill, Buchner, $1.50 100, $14.00 1000.
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Strong rooted geranium cuttings; also 2½-in. stock; leading varieties, true to name.
Gloede, Evanston, Ill.

Geraniums, best sorts, 2½-in., $2.00 per 100; rooted cuttings, $1.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Geraniums, R. C., leading varieties, $1.00 per 100. Cash, please.
Converse Greenhouses, Webster, Mass.

Rooted geranium cuttings, $1.25 per 100. Cash, please. Fred Grohe, Santa Rosa, Cal.

Apple scented geranium, 2-in., $3.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

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Gladioli. Highest quality grown in the world. Groff's hybrids and other sorts the best obtainable. See display adv. in this issue.
Arthur Cowee, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.

We are headquarters for gladioli. Over 100 acres under cultivation. We have the largest and finest stock in existence. Write for special prices on large quantities.
John Lewis Childs, Floral Park, L. I., N. Y.

	100	1000
Gladiolus Colvillei, The Bride, white.	$0.75	$5.50
Gladiolus Colvillei rubra, pink	.60	4.75

Arthur T. Boddington, 342 W. 14th St. N. Y.

Gladiolus bulbs. May and Groff's hybrids (both genuine). All sizes for sale cheap. Cash, please. P. O. Coblentz, New Madison, Ohio.

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PAN-AMERICAN GLADIOLI, fine bulbs, $6.00 per 1000.
Central Michigan Nursery, Kalamazoo, Mich.

Bulbs and bulblets. Colors or mixed. Write for prices. E. E. Stewart, Rives Junction, Mich.

Gladiolus bulbs. State wants, for prices.
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Our gladiolus bulbs are good. Try them.
Cushman Gladiolus Co., Sylvania, O.

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Grevillea robusta, 2-in., $3.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

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Boxwood pyramids, 4 ft., $150.00 100; 3 ft., $100.00 100. Boxwood for pots, fine stock, $25.00 100. Rhododendrons, hybrids for forcing, $50.00 100; larger size, $75.00 to $100.00. Azalea mollis, well budded, $25.00 100; standards, $50.00 100; extra, $75.00 100. Deutzia gracilis, $13.00 100; D. Lemoinei, $15.00 100. Hydrangea paniculata grandif., $15.00 100. Lilacs, $45.00 100. Ariatolochia Sipho, extra fine, $45.00 100. Dielytra spectabilis, fine roots, $7.50 100. Magnolia in variety, large plants, $150.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

BERBERIS THUNBERGII.
Strong, 3-yr.-old plants, 15 to 18-in., bushy and finely rooted, $10.00 per 100; $80.00 per 1000. Also trees, shrubs and other nursery stock. Packing at cost.
Klehm's Nurseries, Arlington Heights, Ill.

Extra fine blue spruce (Koster), from 2 to 5 ft. high, taxus in all sizes, conifers, hardy shrubs, etc. All strictly first-class. Catalogue free. Van der Weijden & Co., Boskoop, Holland.

Citrus trifoliata seedlings, 8 to 12 inches high, 50c doz., $2.50 100; 12 to 18 inches high, $1.00 doz., $3.00 100.
E. J. Thomas, Webster, Tex.

Now is the time to book your orders for Japanese nursery stock for spring delivery. Send for catalogue.
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I am closing out J. H. H. Boyd's stock of seedlings. Write me for wholesale trade price list.
F. C. Boyd, Gage, Sequatchie Co., Tenn.

Trees and shrubs, fine varieties, low prices. Send for catalogue.
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Perennials; many acres, including all the best commercial and florists varieties. Send for list with prices. Palisades Nurseries, Sparkill, N. Y.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

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Apple seedlings, apple grafts, forest tree seedlings and general nursery stock.
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We handle the best grade of nursery stock only. Send for our catalogue.
Western Seed Co., Shenandoah, Iowa.

For your trees, shrubs, vines and small fruits send to WM. H. MOON CO., Morrisville, Pa.

Rudbeckia, extra choice large clumps, $5.00 100. John Brod, Niles Center, Ill.

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Heliotropes Mme. Bionay and Le Poitevine, rooted cuttings, $1.00 100, $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Heliotrope rooted cuttings, 12 var., $1.00 100, $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Heliotropes, light and dark, rooted cuttings, $1.00 100. Cash, please.
Fred Grohe, Santa Rosa, Cal.

Heliotropes, 2¼-in., fine stock, $2.00 per 100. Cash. W. H. Parsil, Summit, N. J.

Heliotropes, good varieties, 2¼-in., $2.00 100.
R. Vincent Jr. & Son, White Marsh, Md.

Heliotropes, blue, strong 2-in., 1½c. Cash.
Byer Floral Co., Shippensburg, Pa.

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Hibiscus Peachblow, 2-in., $3.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

Hibiscus, 3 varieties, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

HOLLYHOCKS.

Hollyhocks, dbl. white, mixed, 3-in., $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

HYDRANGEAS.

Hydrangea pan. grand., bushy plants, 8c.
W. H. Salter, Rochester, N. Y.

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Ivy. Strong, field-grown, English plants, with many runners, 3 to 4 ft., 75c doz., $6.00 100, $50.00 1000. Palisades Nurseries, Sparkill, N. Y.

Hardy English ivy, $2.00 100, $15.00 1000.
R. Vincent Jr. & Son, White Marsh, Md.

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Japanese tiny plants and dwarfed trees of many varieties in attractive Japanese pots. An immense stock and the only stock of these novelties in the country; great value, first-class sellers, wonderfully unique and attractive. Price, $25.00 per 100.
Suzuki & Iida, 31 Barclay St., N. Y. City.

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Lantanas Amiel, Le Poitevine, Argus, Snowball, Ultimo, Craigi and delicatissema, rooted cuttings, $1.00 100, $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Lantanas, 10 varieties, 2¼-in., $2.00 1 $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

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Lilacs for forcing. M. Le Graye, etc., $7.20 doz., $45.00 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

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Lily of the valley pips from cold storage for immediate forcing. Hamburg, 1 yr. in cold storage, $1.25 100; $10.00 1000. High-grade 3-yr.-old Berlin, $13.00 1000; $31.00 per case of 2500. Highest grade 3-yr.-old Berlin, $12.00 1000; $23.00 per case of 2000. Can arrange to keep in cold storage here if desired.
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Bruns' extra fine Berlin pips for early forcing; always give satisfaction. This year's stock is better than we ever had; $1.25 per 100, $12.00 per 1000, $29.00 per case of 2500.
Cold storage lily of the valley, the finest cut valley for the holidays, $1.75 per 100, $15.00 per 1000.
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Russian lily of the valley, the best for early or late forcing, $15.00 per 1000, $32.50 per 2500; $125.00 per 10,000.
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Lily of the valley. Best Berlin pips, 3-yr.-old stock, $1.25 100; $10.75 1000; $25.00 per case of 2500.
H. F. Michell Co., 1018 Market St., Phila.

Choice lily of the valley pips.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Lily of the valley forcing pips, fine variety.
Julius Hansen, Pinneberg, Germany.

Lily of the valley pips and clumps. Write J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

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We have the largest and finest stock in Mexico of ORCHIDS, CACTI, AGAVES, ETC.
We have just published our illustrated and descriptive cultural catalogue for Orchids and Cacti. Send 10 cents in postage stamps for it. Price list free.
J. BALME & CO., 2nd Plateros St., No. 5.
P. O. Box 628, MEXICO CITY.

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Mignonette. Allen's Defiance, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

MISTLETOE.

Texas mistletoe, heavy green foliage; fine, large, white berry. Large size box, express paid, $1.00. Per barrel, well packed, $4.00.
Wm. Anderson, Brownwood, Tex.

MOONVINES.

Moon vines, white and blue, 50c doz., $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

MUSHROOM SPAWN.

Mushroom spawn.
W. C. Beckert, Allegheny, Pa.

ORANGE TREES.

Orange trees. Write for prices.
The Philippi Nurseries, Rocklin, Cal.

ORCHIDS.

We have always on hand a stock of established and semi-established orchids. A number of vars. now in sheath and spike. Correspondenco solicited. Lager & Hurrell, Summit, N

The most up-to-date and complete collection in the trade, hybrids a great specialty; descriptive and priced catalogue on request.
Charlesworth & Co., Heaton, Bradford, England.

If you want fine ORCHIDS see our adv. under heading Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

PALMS, ETC.

Kentia Forsteriana, made-up plants, 3 in a pot, 5 to 6½-in. pots, 30 inches high, 75c each; 35 to 40 inches high, fine, $1.00 to $1.50 each. Latania borbonica, healthy plants, 5 to 6 leaves, 50c each. Cocos Weddelliana, 3-in., 15c each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Livistona Chinensis, 2½-in. pots, 4 to 5 leaves to a plant, 8 to 12 inches high, $6.00 100; $50.00 1000. Cash with order.
Hinode Florist Co., Whitestone, L. I., N. Y.

Chamerops excelsa palm, strong 2-in., $4.00 per 100, by mail.
Golden State Plant and Floral Co., Santa Monica, Cal.

Kentia Belmoreana, from 50c to $5.00 each.
Wm. A. Bock, No. Cambridge, Mass.

Philadelphia-grown palms. Write.
Joseph Hescock, Wyncote, Pa.

Kentia palms. Large assortment.
L. H. Foster, Dorchester, Mass.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

PANSY PLANTS.

500,000 pansies. Safe arrival to southern states guaranteed. Florists' International mixture, strong, transplanted from cold frame, $10.00 per 1000; extra, in bud and bloom, $1.50 per 100; seedlings, $5.00 per 1000.
Ludvig Mosbaek, Onarga, Ill.

Brown's extra select, superb giant prize pansies, ready for shipment, in any quantity. Extra strong transplanted plants, in bud and bloom, $1.25 100, $10.00 1000. Cash.
Peter Brown, Lancaster, Pa.

Pansy plants of my largest flowering mixture of show varieties, unsurpassed quality; large stocky plants at $3.00 per 1000, 500 at 1000 rate. Gustav Pitzonka, Bristol, Pa.

Giant pansies, to please your trade, $2.00 per 1000. Cash. Safely packed for southern trade. Extras. Byer Floral Co., Shippensburg, Pa.

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GLEN MARY FISH FARM.
CHAS. POMMERT, PROP.
AMELIA, O.
Devoted exclusively to the growing of GOLD FISH. 100,000 now ready. Send for price list.

HOLLY.

HOLLY.
Choice, well-berried holly in regular size cases, containing 100 lbs. or more, delivered by freight prepaid. Per case, $4.00. Cash with order.

HOLLY WREATHS
made by experienced hands from best dark green holly, well filled with clustered bright red berries, regular 14-inch size, $10.00 per 100, f. o. b. here. Cash with order. Order early and will ship promptly on any date desired. H. AUSTIN, Felton, Del.

HOSE.

Bulldog 7-ply hose, fully guaranteed, 16c per ft.
U. Cutler Ryerson, 108 3rd Ave., Newark, N. J.

HUNT'S TYPHOON. This hose is the product of careful study which greenhouse usage has demonstrated on various kinds of materials. It is durable, heavy and yet pliable and will stand hard usage.
100 feet, 7 ply.....$14.00
200 feet, 7 ply..... 26.50
300 feet, 7 ply..... 39.00
E. H. Hunt, 76 Wabash Ave., Chicago.

ANCHOR BRAND of greenhouse hose is THE hose for florists.
Mineralized Rubber Co., 18 Cliff St., New York.

Good hose. J. G. & A. Esler, Saddle River, N. J.

INSECTICIDES.

A 5-lb. trial package of our TOBACCO POWDER will cost you nothing if you will pay the express charges on it. Write Department D for it. H. A. Stoothoff Co., 116 West St., N. Y.

To-bak-ine is the most effective insecticide on the market. Write for our "Words of Wisdom." It is free.
E. H. Hunt, 76 Wabash Ave., Chicago.

Rose Leaf Extract of Tobacco. For pamphlet write to Kentucky Tobacco Product Co., Louisville, Ky.

NICOTICIDE kills all greenhouse pests.
Tobacco Warehousing and Trading Co., 1004-1006 Magnolia Ave., Louisville, Ky.

LEAF-MOLD.

Orchid peat and leaf mold always on hand.
Lager & Hurrell, Summit, N. J.

PAINTS.

PATTON'S SUN-PROOF PAINT is the best paint made. We are the sole distributers. Write us.
Pittsburg Plate Glass Co., Pittsburg, Pa.

PLANT TUBS.

Cypress and oak tubs. We manufacture all sizes. Write for prices.
Bobbink & Atkins, Nurserymen and Florists, Rutherford, N. J.

POT HANGERS.

Kramer's pot hangers. Neat, simple, practical. Write.
I. N. Kramer & Son, Cedar Rapids, Iowa.

POTS.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts. N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Standard Pots. Catalogues and price lists furnished on application.
A. H. Hews & Co., No. Cambridge, Mass.

RED POTS. STANDARD SIZE.
SYRACUSE POTTERY CO., Syracuse, N. Y.

Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

RED POTS. Standard pots at bottom figures.
Harrison Pottery, Harrison, Ohio.

RAFFIA.

Raffia. Samples free if you mention The Review. Large assortment of colors.
R. H. Comey Co., Camden, N. J.

SHIPPING TRUNKS.

Crane Bros., Westfield, Mass.
Manufacturers Linenoid Seamless Trunks and Boxes for shipping Cut flowers. Send for price list.

SPHAGNUM MOSS.

Sphagnum moss, large bale, $1.75 each; by freight, $2.00.
L. J. Kreshover, 110-112 W. 27th St., N. Y.

Live sphagnum moss and orchid peat always on hand. Lager & Hurrell, Summit, N. J.

Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. Write for prices.
H. M. Robinson & Co., 11 Province St., Boston.

Sphagnum moss, baled spruce, etc.
L. B. Brague, Hinsdale, Mass.

TIN FOIL.

Tin Foil—Plain, fancy, printed and mounted.
Conley Foil Co., 521 West 25th St., N. Y.

Tin Foil—Plain, violet and rose.
John J. Crooke Co., 155 Ave. D, N. Y.

TOBACCO.

Tobacco stems, 60c per 100 lbs. in bales of 200 to 250 lbs. Special price on car lots.
F. G. Borden, Milton, Wis.

Tobacco stems, fresh and strong, in bales of 200 to 500 lbs., 75c per 100 lbs.
U. Cutler Ryerson, 108 3d Ave., Newark, N. J.

Fresh tobacco stems, bale of 300 lbs., $1.50.
W. C. Beckert, Allegheny, Pa.

TOOTHPICKS.

Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
W. J. COWEE, Berlin, N. Y.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

WIRE SUPPORTS.

Excelsior carnation supports, made of galvanized wire, 10 in. long, $7.00 1000, $60.00 10,000; 13 in. long, $7.50 1000, $70.00 10,000; 20 in. long, $8.00 1,000, $75.00 10,000. Also stemming wire, rose stakes, etc.
H. F. Littlefield, Worcester, Mass.

Thaden's wire tendrils and twin stakes for carnations, roses, etc.
H. Thaden & Co., 472 W. Hunter St., Atlanta, Ga.

Model Extension carnation supports; also galvanized rose stakes and tying tires.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Model Extension carnation supports.
Parker-Bruen Mfg. Co., Harrison, N. J.

WIRE WORK.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
45, 47, 49 Wabash Ave., Chicago.

Reed & Keller, 122 W. 25th St., New York.
Manufacturers of Wire Designs.

Wire work of all kinds. Write me.
Wm. Murphy, Wholesale Florist, Cincinnati, O.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

LAPAGERIAS.

When these Chilian plants are properly grown they are some of the most beautiful greenhouse climbers in cultivation. But, unfortunately, there are many places where these fine decorative plants are merely struggling for existence. Broadly speaking, lapagerias are not at all difficult to grow, providing they have a suitable position and are well attended to. Few plants pay better for good treatment than the lapagerias, but they soon resent bad management. Some years ago I had charge of some plants that were in feeble health. They were growing in a back border of the greenhouse, on the ground level, near to an outside drain, consequently the little growth they made was very thin. So I had them lifted, and replanted in stone tanks, in a compost consisting of peat, a little turfy loam, charcoal, plenty of coarse sand, and bricks broken up to keep the soil open, giving them abundance of drainage, and covering it with blocks of peat to keep the soil from filtering down between the pieces of brick.

One of the principal causes of failing to grow lapagerias well is injudicious watering. If allowed to become dry at the roots a few times, the foliage will quickly be attacked with red spider and thrips. Care, therefore, should always be taken to keep them well supplied with water, especially during the growing season, which usually extends from the end of March until September. During this period they should be treated more as semi-aquatics, and in winter kept fairly moist. Syringing also is very beneficial to lapagerias when growing, as it tends to prevent insects attacking them. They require shading during the hottest part of the day, as the tender growths would soon be scorched at the points. L. alba is, I think, far more attractive than the various red and rose-colored forms, and is more expensive, because of the greater demand for plants. Its flowers can be utilized in making up bridal bouquets, wreaths, etc. Conseqently, they are in

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

good demand, and realize remunerative prices.

Lapagerias should be grown quite cool, with plenty of ventilation at all times, especially during the summer months, leaving plenty of air on at nights. I have known the thermometer to go down to freezing point in winter without the least injurious effect on the plants. Slugs are very fond of the young growths, and will destroy them as they appear above the soil if not protected. An ordinary lamp glass is a capital thing to put over them, with a piece of cotton wadding at the top, until the growth is well advanced, when it can be taken off.

They are best trained to horizontal wires, keeping the young growths, if possible, from twining round their neighbors, as they are very difficult to unloose without more or less injury.

The three best lapagerias to grow are: L. alba, pure white, and useful for cutting; L. rosea, rose-color, makes a pleasing effect when planted with the former; L. profusa, an exceedingly floriferous variety, producing clusters of crimson flowers. They can be propagated from seeds, cuttings and layers, the latter being the best mode of propagation.—Gardeners' Magazine.

WELL SATISFIED.

All rubbers are sold for the present; please discontinue the advertisement; we are well satisfied with the results.

A. C. OELSCHIG & SON.

BEST FOR RETAILERS.

Enclosed is a dollar, for which send us the REVIEW for one year. We think it the best paper for the retail trade.

M. N. FIELDER & CO.

"SIXTEEN TO ONE" AGAIN.

Plants all sold. Eight insertions of the advertisement pay us sixteen to one. The REVIEW is all right. KRING BROS.

Fairbury, Ill.

MOVED THOUSANDS QUICK.

Please discontinue our rose adv. in your paper; roses all sold. You have moved thousands for us quick.

C. AKEHURST & SON.

White Marsh, Md.

MENTION US TO ADVERTISERS.

One cannot be anything but pleased with the REVIEW; the Special Number was a "beaut." Anything I can do to push a good thing along I will do with pleasure. H. P. LODING.

Mobile, Ala.

FLOWERS BY TELEGRAPH.

Put a neat sign in your window: "Funeral or gift flowers delivered by telegraph anywhere in the United States." When you have taken an order refer to the page of "Leading Retail Florists" in the REVIEW and select a man to whom to telegraph the order. You will find it a very satisfactory source of new business.

I WOULD say that many of the articles in the REVIEW are of great value to me and I would not feel that I could do without it were the subscription price thrice what it is.—A. E. KENNEDY, Algona, Ia.

B. & A. SPECIALTIES

AZALEAS

Christmas or Easter Blooming.

Deutsche Perle, white; **Simon Mardner**, red; **Vervæneana**, pink. In addition to the following: **Van der Cruyssen, Vervæneana, Prof. Wolters, Niobe, Bernhard Andreas Alba, Empress of India, Schryveriana, Emperor of Brazil, Chicago.**

	Per 12	Per 100
10-12 in. diam	$4.00	$35.00
12-14 "	6.00	45.00
14-15 "	7.50	60.00
15-16 "	9.00	75.00
16-18 "	12.00	90.00
18 20 "	25.00	200.00
20-24 "	36.00	300.00

BOXWOOD, Pyramidal, handsome specimens.

	Each
15-18 in.	$0 50
18-24 in.	.75
2 ft.	1.00
2½ ft.	1.50
3 ft.	2.00
3½ ft.	2.50
4 ft.	3.50
5 ft.	4.00

5-6 ft. high, nicely shaped, per pair, $10.00 to $15.00.

For Window Boxes, bushy plants, 25 cts., 35 cts., 50 cts., 65 cts and 75 cts. each.

Acacia Armata, or Paradoxa pot-grown and well budded, 18-24 in., per 12, $10.00; 2-3 ft., extra fine, per 12, $12.50.

SINGLE TUBEROUS ROOTED BEGONIAS.

5 colors separate, 1st size ..... $3.00 per 100
5 " " 2d " ..... 2.00 "

CALLAS

Fine Blooming Size, $4 50 per 100; Selected Size, $6.50 per 100; Mammoth Size, $8.50 per 100.

Pot Grown

	Per 100
Deutzia Gracilis	$15.00
Deutzia Lemoinei	18.00

Pot-Grown Shrubs for Forcing

The following are all handsome, bushy, well-grown plants, well budded, and will prove a profitable investment to any one.

Plants are all 2½-3½ ft.	Per 12
Acer Negundo variegata	$6.50
Azalea Mollis, 12-15 in.	4.50
" " 15-18 in.	6.50
Cratægus Pauli	9.00
Cherries, double flowering	7.50
Deutzia Gracilis	2.00
" Lemoinei	2.50
Lilac, Charles X. blue; Marie Le Graye, white; Lemoine, double white	9.00
Malus Floribunda	9.00
Staphylea Colchica	6.00
Viburnum Opulus	6.00
" Plicatum	6.00
Weigelia Eva Rathke	7.50

STANDARDS.

Lilac, in variety	12.00
Viburnum Opulus	12.00
Wistarias	18.00
Japanese Maples, red and gold leaf variety	12.00

Spiræa Japonica, Compacta and Astilboides, $5.00 per 100.

Dielytra Spectabilis (Bleeding Heart), strong clumps for forcing, $6.00 per 100.

ROSES

Maman Cochet, strong, 2 yr., white and pink, $12.00 per 100.

PEONIES

	Per 12	Per 100
Officinalis rubra plena	$1.00	$8.00
" alba "	2.00	15.00
" rosea "	1.50	12.00

Chinensis, 50 in 50 varieties, $15.00 per collection. White, red, pink, good named varieties in equal quantities, $8.00 per 100.

Aborea (Tree Peony), in variety, $9.00 and $12.00 per 12.

See Catalogue for PALMS, BAY TREES, EVERGREENS, SHRUBS, ORNAMENTAL TREES, and other Stock.

BOBBINK & ATKINS, Rutherford, N. J.

Dahlias, Pot Roots,

Awarded 10 Gold Medals in 1903 and 12 Gold Medals in 1901.

Awarded the Silver Medal by the International Jury at the St. Louis Exposition.

POT ROOTS FOR SHIPMENT AT ONCE Every section, including the popular CACTUS DAHLIAS at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 per 100. These are post free terms. Note this when comparing prices. **Terms cash with order.**

TEMPTING BARGAINS Those who prefer to have their goods through a forwarding house instead of by parcel post can be supplied in every section, including Cactus at $4.00, $5.00 and $6.00 per 100 in 25 sorts.

12 SEEDLING CACTUS DAHLIAS All 1903 sorts and certificated by the Dahlia Societies in England; post free for $2 50; Albion, Etna, Eva, Iceberg, John Gilpin, Mabel Tullock, Winsome, Amos Perry, Fred Cobbold, F. H. Chapman, Loogalu and Red Cap.

1904 SEEDLING CACTUS DAHLIAS A rare opportunity; only a few to offer at $1.25 each, post free in quantities of not less than 4 sorts. Dainty, Dorothy Vernon, Effective, Northern Star, Sweet Nell., Yellow Gem, F. M. Stredwick, Mrs. Bronsson, Mrs. Wilkinson, Oliver Twist, Hereward, Comet, Osprey, Sirius and Rainbow. One each of these 16 novelties post free for $16.00. **Terms cash with order.**

HOBBIES LIMITED Catalogue free of charge. NORFOLK NURSERIES **DEREHAM, ENG.**

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NEW PRICE LIST ON

Pyramid **KAISER KRONEN** Standard

Bay Trees

Orders booked now.

Julius Roehrs, Rutherford, N. J.

Mention The Review when you write.

Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO, ILL.

Send for Price List on all

Palms and Ferns

"My Maryland"

The largest, most productive and most profitable white carnation yet raised. Will be disseminated in 1906. Write us about it. Also for other new and standard carnations.

Chrysanthemum Stock Plants

Dr. Enguehard	$.35 each; $3 00 per doz.
White Mrs. J. R. Tranter	.35 each; 3.00 per doz.
American Beauty	.35 each; 3.00 per doz.
S. T. Wright	.50 each; 5.00 per doz.
Uncle John	.35 each; 3.00 per doz.
Rockford	.25 each; 3.00 per doz.

Mrs. Probin, 35c each. Mrs. Newell, 35c each. Pacific, P. Rose, Willow Brook, Ivory, Mrs. J. Jones, 10c each; $6.00 per 100. Orizaba, Halliday, Monrovia, Merry Xmas, Liger, H. Sinclair, 10c each, $7.00 per 100.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

"THERE IS ONLY ONE."

The Fumigating Kind Tobacco Powder

What a Few Say, All That Use It Say.

Mamaroneck, N. Y.
I tried the 5 lb. trial package of **The Fumigating Kind Tobacco Powder** in 2 of my houses one night and the following night I gave a 60-foot house a thorough smoking. Result, I would like you to send me 100 lbs. of the Fumigating Kind. W. H. DANIELS.

Maywood, Ill.
The Fumigating Kind Tobacco Powder is great stuff; it keeps one's houses clean as a sheet.
I can heartily recommend it.
ALBERT F. AMLING.

Jewett City, Conn.
I have used your **Fumigating Kind Tobacco Powder** for some 4 or 5 years and find it the best fumigator I know of. I use nothing else, as your kind is easy to handle and does the work thoroughly. A. A. YOUNG.

Tamaqua, Pa.
Until three years ago I was always hunting for something better to kill the greenfly, without injury to bloom and foliage. Then I atarted to use **The Fumigating Kind Tobacco Powder.** I have used it ever since; it is good enough for me. NELS NELSEN.

A FREE trial five-pound bag will cost you nothing more than the express charges on it. The trial bag will prove our assertion that it is the most effective, cleanest and quickest as well as the cheapest (10 cents per 100-foot house) article to fumigate with. All aphis killed in one night—our booklet tells of it; we mail one on request.

THE H. A. STOOTHOFF COMPANY, Tobacco Powder Hobbyists, 116, 117, 118 West St., New York.

Mention The Review when you write.

MILWAUKEE.

Judging from advance orders it appears as if Christmas business will be a record breaker. The trade in general has made extensive preparations for a large business. In looking through the retail stores, most of them are stocked with a very fine line of plants in seasonable varieties. In other decorative material bells seem to predominate. Lambros is displaying a very fine line of azaleas, cyclamens and poinsettias which cannot help but please purchasers. Currie Bros., M. A. McKenney Co. and J. M. Fox are displaying excellent lines of plants. There is also an exceptionally large demand for green goods. Holly is selling better than in former years. This is principally due to the absence of southern holly. The mistletoe in the market is also of exceptionally fine quality.

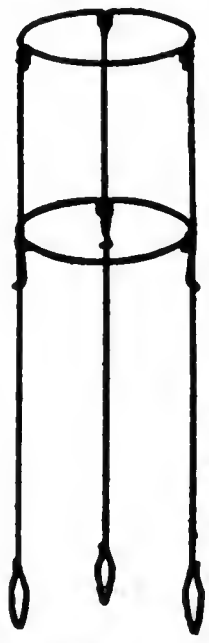
Most of the growers expect to have pretty fair crops of Christmas flowers. In carnations there will be about enough to go around, with the exception of red, on which there is always a heavy demand for this holiday; outside prices may rule for that color. There will probably be a good supply of Romans, stevia, violets, lily of the valley and Paper Whites to help fill out. INCOG.

TORONTO.

Christmas business promises well. The orders already placed with wholesalers would indicate that the retail men expect to do their usual volume of business and even a little more, as it is a fact that Christmas supplies never sold better in Canada. Weather promises to be ideal Christmas weather and this will help matters considerably.

A new addition to our staff of retail florists is W. P. Lambert, late of O. J. Friedman, Chicago, who is in charge of the College Flower Shop, 445 Yonge street, and from the start he has made he promises to set a lively pace for all local competitors. D. J.

PEORIA, ILL.—Ella A Schultz has filed a petition in bankruptcy. She had a millinery and florist business on Main street. The debts are $1,202.77 and the assets $400.



...THE...
Model
EXTENSION CARNATION SUPPORT.
ALSO GALVANIZED STEEL ROSE STAKES AND TYING WIRE...

Endorsed by all the leading carnation growers as the best support on the market.

Made with two or three circles. Prompt shipment guaranteed. Pat. July 27, 1897; May 17, 1898. Write for prices and circulars.

IGOE BROS.
228 N. 8th St., Brooklyn, N. Y.

Red Standard POTS

F. o. b. Harrison. Cash must accompany order

2-in.....Per 1000,	$2.25	3½-in.....Per 1000,	$5.50
2¼-in.....Per 1000,	2.70	4-in.....Per 1000,	6.80
2½-in.....Per 1000,	3.25	5-in.....Per 1000,	11.00
3-in.....Per 1000,	4.25	6-in.....Per 1000,	18.00

HARRISON POTTERY, Harrison, Ohio.
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Wired Toothpicks

Manufactured by
W. J. COWEE, BERLIN, N. Y.
10,000....$1.50; 50,000... $6.25. Sample free
For sale by dealers.

WHEN YOU WANT Engravings made
send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.
DEARBORN ENGRAVING CO.,
300-306 Dearborn St. CHICAGO.

If you want a Good Hose
Send your order for **BULL DOG,** 7 ply 16c. per foot,
Fully guaranteed, to
U. CUTLER RYERSON, 108 Third Ave., NEWARK, N. J.
Mention The Review when you write.

ADAM SCHILLO LUMBER CO.
Dealers in all kinds of
HEMLOCK and PINE
..LUMBER..
and "PECKY CYPRESS"
our new introduction to the trade,
FOR GREENHOUSES.
ALSO CEDAR POSTS
of all LENGTHS and DIMENSIONS.
Having had an extensive experience in the line of Lumber and Posts needed for Greenhouse work, we are prepared to meet all inquiries. Send for prices.
Cor. Weed and Hawthorne Ave., CHICAGO, ILL.
TEL. NORTH 1626 AND 1627.
References given from the leading Florists of Cook County.



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You Will Find...
ALL the BEST offers
ALL the time in the
REVIEW'S
CLASSIFIED ADVS.



TO-BAK-INE

(LIQUID FORM.)

A Concentrated Solution of Pure Nicotine.

The most powerful insecticide known, for vaporizing or spraying.

TO-BAK-INE LIQUID is the article for us; it does the work effectively without injuring the most sensitive blooms and is easily applied.—John Breitmeyer's Sons, Mt. Clemens, Mich.

TO-BAK-INE LIQUID is the stuff for Thrips, Spider, or any such stubborn pests.—A. F. J. Baur, Indianapolis.

Quarter Pint Can	$0.60	Pint Can	$ 2.00
Half Pint Can	1.10	Gallon Can	15.00

(The cost is nominal considering the results obtained.)

Send for our booklet "WORDS OF WISDOM" by leading Growers, containing full directions as to exterminating all greenhouse pests.

E. H. HUNT, 76-78 Wabash Ave., **Chicago, Ill.**

Mention The Review when you write.

FOLDING BOXES CHEAP

Write for SAMPLES AND PRICES.

The Aull Bros. Paper & Box Co.,
DAYTON, OHIO.

WILKS GREENHOUSE HEATERS.

The Wilks Greenhouse Heaters are all Steel Self-Feeders. Will run 15 hours at a time without attention.

NO Night Fireman Required.

Can be used with either Hard or Soft Coal.

SEND FOR OUR NEW CATALOGUE.

MADE BY

S. Wilks Mfg. Co.

35th and SHIELDS AVE.
CHICAGO, : : ILL.



Tobacco Stems

60c per 100 lbs.
in bales of 200 to 250 lbs.
Write for special prices on carload lots.

F. G. BORDEN,
Dealer in Leaf Tobacco. MILTON, WIS.

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"NICOTICIDE" KILLS BUGS

TOBACCO WAREHOUSING & TRADING CO.
LOUISVILLE, KENTUCKY.

Mention The Review when you write.

Greenhouse Material,

Washington Red Cedar, Louisiana Cypress.

If you intend to build ask for our CATALOGUE--It will interest you. HOTBED SASH.

A. DIETSCH CO., 615 - 621 Sheffield Avenue, **Chicago, Ill.**

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Evans' Improved Challenge Ventilating Apparatus. Write for Illustrated Catalogue.

Quaker City Machine Works,
RICHMOND, IND.

Mention The Review when you write.

Eureka Greenhouses.

GREENHOUSE MATERIAL. COMPOSITION POSTS.

Send for catalogue. Get the best.

Dillon Greenhouse Mfg. Co., Bloomsburg, Pa.

Mention The Review when you write.

THE COAL MARKET.

There is a shortage in Chicago of standard grades of smokeless coals. Prices, as a consequence, remain very firm. The market is very short of mine-run. The price of Pocahontas remains at $2.25 f. o. b. the mine for lump and egg, and this is the generally prevailing price. Most of the shipping companies continue short of supplies. The price in Chicago for this class of coal is still about $4.25 to $4.30 f. o. b. the cars.

On account of the heavy shortage in smokeless run-of-mine coal, urgent purchasers are still willing to pay a premium in order to get their supplies delivered without a long wait. This premium runs from 5 to 10 cents over circular prices. The majority of sales in Pocahontas and New River coals remain on this premium basis, at least so far as the market in Chicago is concerned. Tug River is firm, with the prevailing price $3 to $3.10 f. o. b. Chicago for standard grades. The price for screened Tug River run-of-mine continues at $3.25 f. o. b. Chicago. The West Virginia product is finding an excellent sale, even though it is being diverted to a large extent from its customary western markets.

Splint coal is active, with many orders coming in that can not be filled immediately. The supply, however, is improved over what it was a week or ten days ago. This is due to an improvement in the transportation facilities of the railroads. —The Black Diamond.

ATCO, N. J.—The L. K. Peacock business has been incorporated with capital stock of $50,000 by Lawrence K. Peacock, William P. Peacock and Thomas B. Hall.

ANDOVER, O.—Mrs. Mary Davis and Mrs. R. A. Pardee have formed a partnership with the Andover greenhouse business and the new firm will be known as Pardee & Davis. A number of improvements will be made.

Pumping Engines
FOR
Florists and Gardeners
They use gas or gasoline for fuel.
THE STANDARD PUMP AND ENGINE CO.,
CLEVELAND, - OHIO.



Mention The Review when you write.

KRAMER'S POT HANGERS.



Neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up Ferns, Begonias, etc. You can make room and money by their use. Try them.

Price with wire chain, as shown in cut, $1.00 per dozen by express. Sample dozen by mail, $1.25.

I. N. Kramer & Son
CEDAR RAPIDS, IA.

For Sale by WHOLESALE SEEDS MEN, FLORISTS and SUPPLY DEALERS.

Mention The Review when you write.

PROTECTION!!!
of your plants from freezing. This can only be done by using a celebrated



LEHMAN WAGON HEATER

250,000 are in use by Florists, horsemen, doctors and farmers. They burn Lehman Coal (from which there is no smoke or danger), at a cost of less than ½c per hour. Can you afford to be without one?
Beware of imitations. For circular and price list write

LEHMAN BROS.
MANUFACTURERS,
10 Bond Street. NEW YORK.

J. W. ERRINGER,
General Western Sales Agent,
45 E. Congress St., CHICAGO, ILL.

Mention The Review when you write.



Mention The Review when you write.

SEE THAT LEDGE.
Pat. Sept. 18, 1900.



....USE OUR....
Patent Iron Bench Fittings and Roof Supports.
Ventilating Apparatus,
Improved Vaporizing Pans for Tobacco Extracts, Etc.
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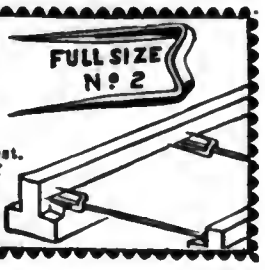
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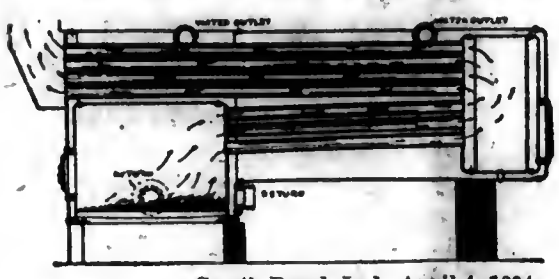


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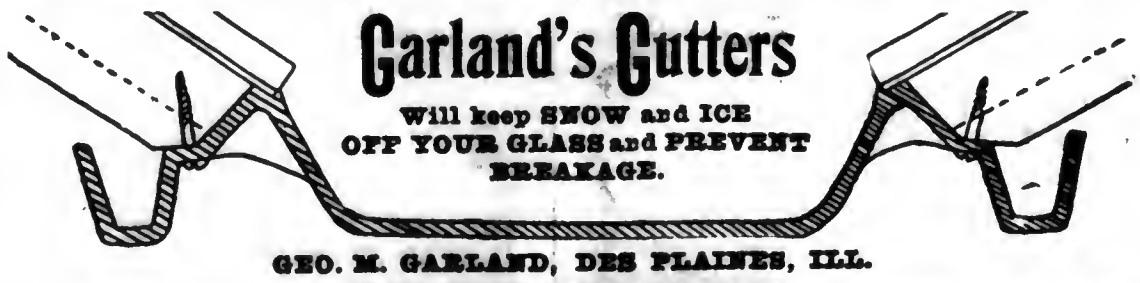
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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

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Vol. XV. CHICAGO AND NEW YORK, DECEMBER 29, 1904. No. 370.

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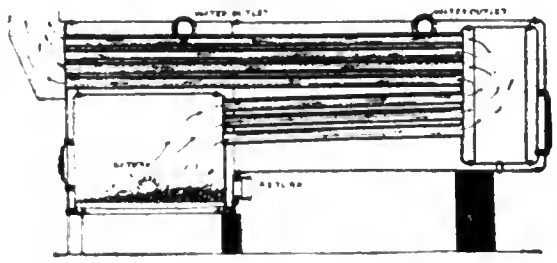
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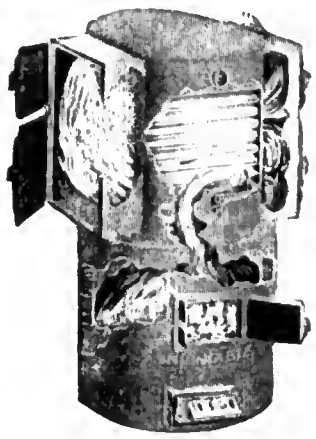
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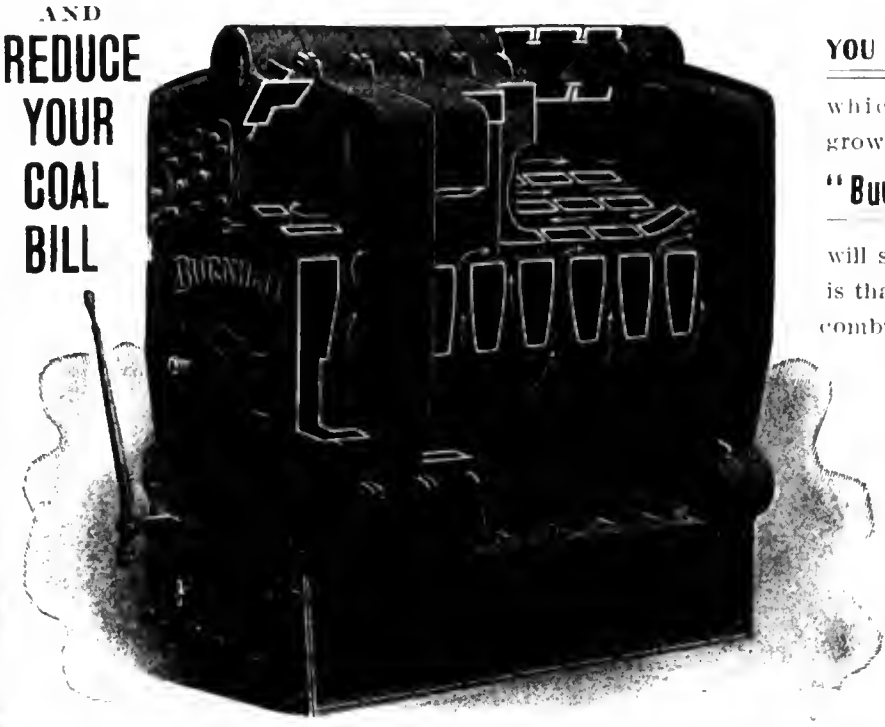
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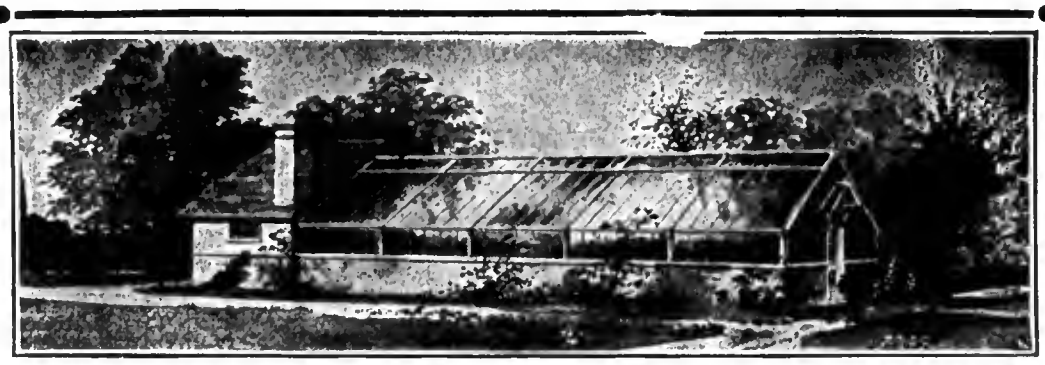
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A JOURNAL FOR FLORISTS. SEEDSMEN AND NURSERYMEN.

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Vol. XV. CHICAGO AND NEW YORK, DECEMBER 29, 1904. No. 370.

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THE HISTORY AND CULTURE OF

GRAFTED ROSES FOR FORCING

BY ALEXANDER MONTGOMERY, JR.,
WABAN ROSE CONSERVATORIES, NATICK, MASS.

COPYRIGHT, 1904, BY FLORISTS' PUBLISHING CO.

The Author's Purpose.

The subject of grafted roses as applied to the American system of forcing, while now quite well understood in all its various aspects by most of the large and many smaller rose growers of the country, still remains with some an open question. It is not my intention to use this opportunity accorded me to put forth an argument in favor of having all rose growers use grafted stock, but to state, so far as is known, some of the facts in connection with the first attempts to improve the conditions under which forcing roses are grown, and to give a comprehensive description of everything connected with the successful handling of grafted roses.

If my readers will bear with me to the end of my story I think they will agree with me that this question of grafted versus own-root roses is one which no one man can decide for all, but which each individual must work out for himself, according to the character of his soil, the varieties he is growing, and the system of production which is best adapted to his requirements. While the subject has been pretty thoroughly covered from time to time by various competent writers, it is thought that it may prove of interest, at least to the novice in the art of grafting, to cover the whole story from the time some of the first stocks were introduced down to the present day.

The only way a grower can decide whether grafted roses can be grown by him is by having a thorough understanding of the subject. Therefore the treatment of the stocks, the operation of grafting, the handling of the grafting case, and the subsequent treatment of the plants, will all be given with considerable detail. This, perhaps, while seeming entirely unnecessary to those who are already experts, will it is hoped prove of interest to some who may not yet have had any experience in this line. I trust that I shall make myself so clear that the veriest novice in the art will obtain a clear idea of the practice, and perhaps even some who are not strangers to the operation, but who have not been as successful as they could wish, will be helped in their work. It is not the intention to tell merely the proper but also the improper methods, and this latter knowledge is, after all, that which often does us the most good.

Early Trials.

In 1883 Mr. Montgomery sent to a large firm of nurserymen in England an order for 1,000 of the new rose, Catherine Mermet, all to be budded on the seedling brier. This demand, however, proved to be a staggerer for even a big firm, and after having scoured the country they were able to deliver only 500 plants. While no definite facts are available in regard to the experiments with budded roses, it is believed that this was the first large importation of tea roses for forcing, not on their own roots.

As the importer of these plants had had an extensive experience in Britain with roses budded on the brier, he hoped that by adapting this stock to the American system of forcing he could perhaps obtain the same satisfactory results that had followed its use on the other side, but in this he was destined to be disappointed.

The Brier Stock.

These plants did very well up to the first of November, better in fact than own root up to that time, but from November to April they were as sound asleep as it is possible for a rose to be. No amount of coaxing known in the art of forcing could get those stocks to give the slightest sign that they ever had any intention of growing during the short days of the winter months. From April on into the summer, however, they produced some good blooms, but by that time the growth on the whole was much inferior to the own-root plants which had been flowering all winter. Numerous experiments have been made since on different varieties but with practically the same results.

From a forcing standpoint, then, this stock had proved a failure, but nevertheless it must be admitted that for size, form and absolute perfection of finish of the individual bloom, the brier under certain conditions is the stock to use. As showing the high esteem in which it is held in Britain I quote the following from "A Book About Roses," by Dean Hole:

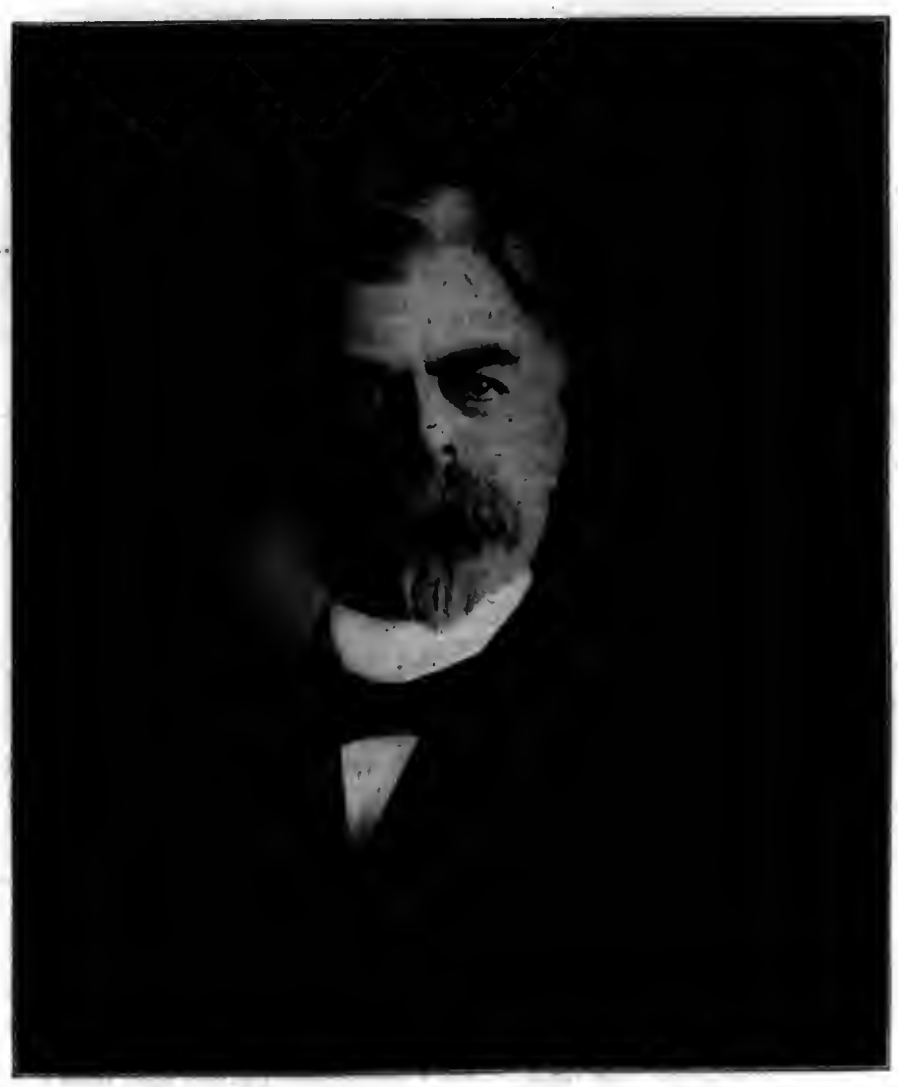
> I know that the Manetti will grow luxuriantly where the brier will not grow at all; that in a toward season it will produce some varieties of the rose in their most perfect form, those especially which have the smoother wood, * * * but I am nevertheless convinced that by far the greater number of the most perfect roses may be, are, and will be grown and shown from our indigenous British brier, taken from hedgerows, struck from cuttings, or raised from seed.

From this, then, coupled with our own experience it is easily seen that because a stock may be good for one purpose it is not necessarily good for all.

Success With Manetti.

After this experience with budded briers, Catherine Marmet grafted on the Manetti was obtained from a prominent Scotch firm. Grafted plants were called for on account of the difficulty that had been experienced in getting budded stock. The newly budded teas were often winter-killed in the ground and consequently, in order to produce plants in quantity, the nurseryman had to resort to winter grafting.

Results from this experiment were so satisfactory that during the next few years all varieties were imported in increasing numbers until, in 1886, the ex-



Alex. Montgomery, of Waban Rose Conservatories.
(President American Rose Society and Pioneer Grower of Roses Grafted for Forcing.)

pense of these large grafted plants began to be quite an item, and so it was decided to import stocks and to try all the methods of grafting which it was thought might be adapted to the new system.

The American Process of Grafting.

The old idea used to be to coat the union of the graft and scion with a smearing of grafting wax and to run the plants at a somewhat lower temperature than is now considered proper. This, however, was a very tedious process and in the mind of the American grower it was altogether too slow, considering the fact that he had to produce during the three winter months all of the plants which he intended to set out for the coming season. Then, by experimenting, it was found that by raising the temperature and increasing the moisture the waxing process could be omitted entirely and a more satisfactory union could be produced in less time and with less labor.

After these encouraging results with Catherine Mermet and other varieties all the leading roses of that period were tried on the Manetti. Niphetos, Bon Silene, William Francis Bennett, Lady Mary Fitzwilliam and many others of lesser note, showed a marked improvement over own-root plants.

The Famous Cornelia Cook.

One of the most interesting sights for visitors to our place during the latter part of the '80s were the great banks of that grand old favorite, Cornelia Cook. The term "banks" is used advisedly, for banks they really were, the style of growing being entirely different from anything now in vogue. The plants, which were all in solid beds, were at that time forced as long as seven or eight years. Where the beds were wide enough, about seven feet, the plants were placed in rows three feet apart across the bed. An iron trellis in the shape of an inverted "V" was built in between each two rows and the plants tied down to this, leaving one row facing east and the other west. As the plants were grown so long in the same bed they made fine canes and these, when thoroughly ripened off during the summer, produced magnificent blooms the following season. I remember one house in particular 300 feet long, with a single row of plants lengthwise of the back bed and tied back to a trellis, leaving the whole bank facing the south. This indeed, when in the midst of a full crop, was a truly wonderful sight.

Now, one of the causes which undoubtedly contributed to these results and which, by the way, was not made known for some time, was the fact that all these fine plants were grafted on the Manetti stock. Finally, however, when Charles Anderson, of the John Henderson Company, a great admirer of this method of forcing, was let into the secret, he immediately set about grafting his own Cooks and was so elated with his success that he was unable to hold on to his secret.

Stock for Marechal Niel.

It was in a somewhat similar way to this that that finest of all yellow roses, Marechal Niel, was treated. This variety had failed to thrive on the Manetti and, while it gave very satisfactory results on the Banksia, still it seemed in time to outgrow this, being in fact a more rapid grower than the stock itself. Mr. Montgomery having read of Dean Hole's very high opinion of Glorie de Dijon as a stock for Marechal Niel, decided to give it a trial under glass at Waban Conservatories. A house 35x100 feet, twenty feet to the ridge, containing sixty plants on this stock, was laid out with one large bed and the plants trained on upright trellises across the house. These plants in time made canes enough to completely fill the house, and bore in one crop from 25,000 to 30,000 blooms, the product being shipped as far as Washington on the south, Montreal on the north and Chicago on the west. No better stock than Glorie de Dijon has ever been found for Marechal Niel, either for out-of-doors or for indoor forcing.

(To be continued.)



NEWER VARIETIES.

A retrospective view of conditions prevailing during the past year in the rose growing world reveals many interesting facts, which, if carefully considered, may be of paramount use to us during the coming and future years.

That we are yet far from perfection is evidenced by the fact that our hybridists and growers are still seeking after something better in the way of varieties and methods of culture. The industry, energy, skill and intelligence which the hybridists have brought to bear on the subject during the past and preceding years entitle them to the thanks of the growers particularly and of the public generally. Many of their productions are as yet only on trial and to the credit of the craft there is not that inclination to rush a new variety on to the market without testing its qualities that existed a few years ago and growers will have more confidence in investing in these, knowing that they have already passed through the ordeal.

In Hill's Richmond we have a red rose which has all the ear-marks of a winner. It is robust and of good habit, easily grown, a profuse bloomer, the form and keeping qualities of the bloom of a high grade and the color just right. That Mr. Hill, after all these years of trial, sees fit to put it on the market is evidence enough that it is a good thing and certain to find a place among the best. That there is still a good demand for reds is evidenced by the fact that ninety per cent of our growers are still trying to grow Liberty.

Among the pinks, La Detroit seems to be gaining in favor, being a free grower, of excellent constitution, very productive and a good seller. There not being as yet enough of it grown to entitle it to a separate quotation in the market, it is hard to prophesy if it will supersede the old Bridesmaid. It has evidently come to stay.

Chatenay is proving itself an all-around favorite, producing some wonderful canes and blooms of a high order. It is easily grown and free from nearly all the diseases that afflict other roses and, if properly handled, is almost immune from the ravages of mildew. It is so easy a "doer" that the grower who cannot handle this rose with success had better quit growing.

Rosalind Orr English is another of Mr. Hill's introductions and deserves a place. Its color would be hard to define, being a shade of pink something after the order of Lawson carnation but brighter and probably will satisfy those who admire this shade in a rose. In form it is all that can be desired, has excellent keeping qualities and in habit resembles Chatenay, of which it is a seedling.

The new light-pink rose, Wellesley, a seedling raised at the Waban Conservatories at Natick, Mass., is sustaining a good character and will no doubt fill a long felt want in that shade of color.

Killarney is another rose that seems to be coming to the front and, because of its many good qualities, will also find a place in public favor.

Along with these new varieties of native birth we are promised some European novelties which bear high reputations but whether they are able to bear the vicissitudes of climatic changes and our exhaustive methods of culture is a question of the future.

We have, however, sufficient food for thought for another year in trying to find the peculiarities of these varieties, so that by another year we may have confidence to plant in quantities.

That the past year has been progressive there is no doubt and that it has also been financially a success is also true. That the coming year may prove equally good to both hybridists and growers and that we may be all prosperous and happy is the New Year's wish of Ribes.

BRIDES AND MAIDS.

We have a house of Bride and Bridesmaid roses that were propagated in September and grown cool all winter, until March, when they were started with more heat and planted about the middle of June out of 3-inch pots into four or five inches of soil. We used sod with about one-fifth cow manure, also bone meal. The Bridesmaids were very slow to start but both did very well during September

and October, but for some time have not done well. They seemed to be dormant for a while and drop a great many leaves. Lately they have been putting up some very good ground shoots that we thought would right things but they are coming with open buds. Besides, the foliage of the new growths is dropping off and not of a good color. We have kept a night temperature of 60 degrees and given good ventilation. We have used lime and ashes at different times. They have been watered regularly. We are at a loss to know what the trouble is or how to remedy it. Please tell us what to do. D. & C.

This trouble is very apt to attack roses which have remained such a long time in pots. They do not seem ever to take so kindly to the bench as plants which have been rooted during the winter and properly cared for till planting time, June.

Be careful in watering, keeping them rather on the dry side. Keep the temperature 56 degrees at night and not to exceed 75 degrees during the day. Give plenty of ventilation on every favorable opportunity and refrain from all kinds of feeding until the plants regain their health. Keep the benches clear of dead and decaying leaves and syringe every bright morning, but be sure the foliage has time to dry before sundown.

RIBES.

TO ROSE GROWERS.

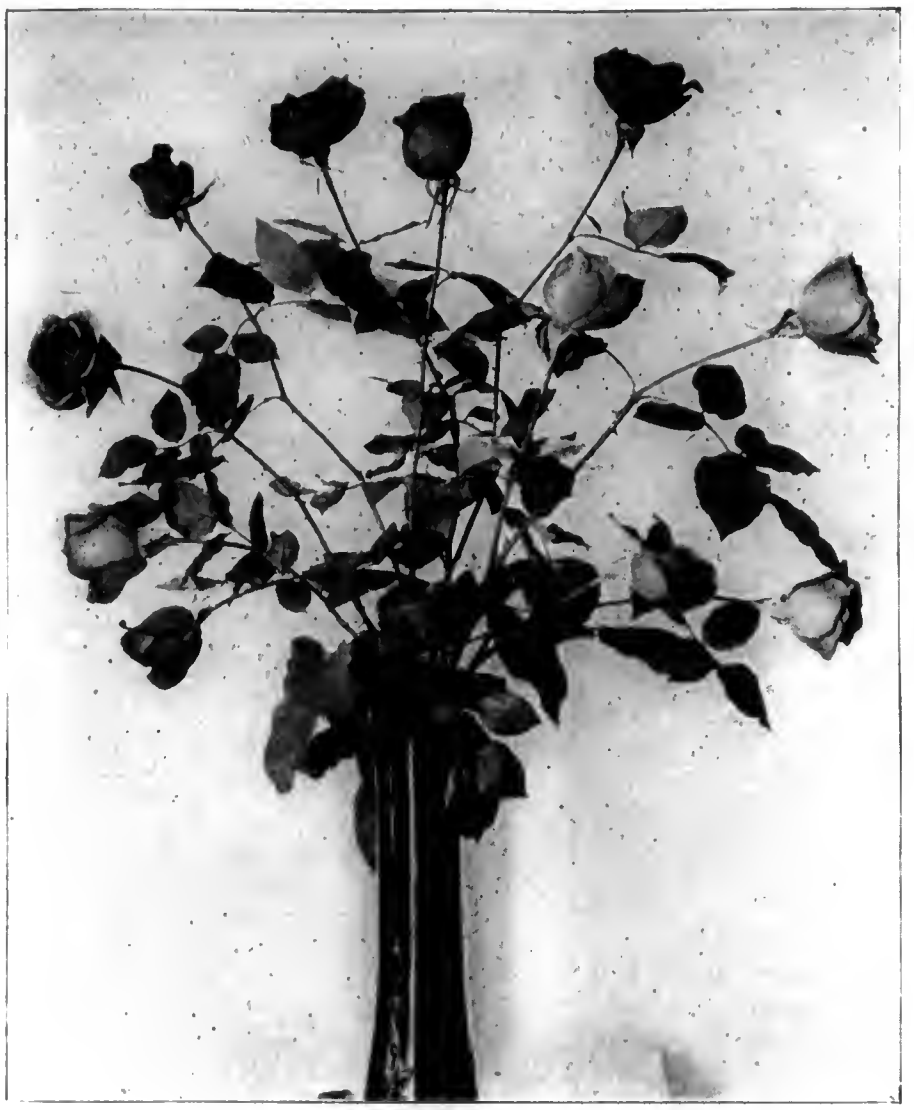
Sample copies of this issue of the REVIEW are mailed to those of the rose growers who are not already on our subscription list ror the purpose of attracting their attention to the introductorv article on the "History and Culture of Grafted Roses for Forcing," by Alexander Montgomery, Jr., of Waban Rose Conservatories, Natick, Mass., which will, we believe, so clearly indicate the value of what is to come that we shall have immediate instructions, accompanied by a dollar, to send the paper regularly. Mr. Montgomery's contribution on this subject, and there is none more competent to discuss it, will alone be worth far more than the price of a year's subscription to every grower of the rose, be he veteran or novice. And this series of articles is but one of many we shall publish in the year to come, for the REVIEW is representative of the whole trade and covers its field fully, treating of all subjects as thoroughly and as interestingly as Mr. Montgomery treats of his.

HOW MUCH COAL?

How much coal does it take to heat one square foot of greenhouse glass for an ordinary season; how many pounds of coal per square foot of glass?

H. O.

"Coal" is a very vague term; it all depends on the kind of coal, making due allowance for the condition of the greenhouses, etc. It would be interesting to compare the results in several different establishments. Set down the number of tons of coal you burned last season, multiply it by 2,000, to get the number of pounds, and divide by the number of feet of glass you had to heat. Then send the result to the REVIEW, and don't forget to mention the kind of coal. Sign your letter, but we will not publish your name if you would rather not have it.



Rose General Mac Arthur.

THE RETAILER'S VIEW.

Ernst Wienhoeber, than whom no one in Chicago has a patronage of higher average class, says that he does not regard Christmas as an unmixed blessing. "The holiday is always preceded by a quiet period and followed by a dull spell," said he, "so that if you take a stretch of three weeks or so, with Christmas day about in the middle, the total business is not so very much in excess of any other equal period of good, active, average business.

"Then this matter of the increased cost of cut flowers is a serious one. I think our trade will pay as good prices as most other retailers can command, but we cannot increase our charges in anything like the proportion in which the cost of stock increases. To do so would at once give the impression of attempted extortion and drive away even our wealthiest and most liberal patrons, those whom we do business with right along.

"The result is that at Christmas we do business at a narrower margin of profit than at any other season of the year. It is just the reverse with nearly every other line. You don't find the jewelers, the furniture dealers or any other class of merchants offering their closest prices at the holidays.

"But the question of cost of stock is no more serious to the retailer than the matter of quality. No matter how much you pay, you cannot be sure of freshness because the existence of the very demand which is the wholesaler's justification in charging the increased prices necessitates an accumulation of stock to fill orders. It wouldn't be fair for the wholesalers to give one man all the fresh cut and the others nothing but pickled stock, so we all fare about alike, and the day after Christmas those of us who have a regular patronage begin giving credit to customers who received unsatisfactory flowers; indeed, we are often glad to have the opportunity to erase the charge; too often the customer makes no complaint, but simply stops buying.

"With those who have the trade of the well-to-do, people who do not feel the need of economy after the Christmas purchases, I believe that the unsatisfactory quality of the Christmas cut flowers is the greatest cause of the dropping off of business almost always felt just after the holiday.

"And plants will not by any means take the place of cut flowers. They may supplement the supply, but some of them, like the Lorraine begonia, for instance, are equally unsatisfactory to handle under holiday conditions. No, I would by no means regret it if the ordinary run of business were not interrupted by Christmas."

CHRISTMAS BELLS.

The sales of folding red paper Christmas bells have been something enormous this year. The trade began in early summer and kept up until Christmas Eve. Time after time the wholesalers had to return to the sources of supply. It is related that one jobber placed his first order for fifty dozen with fear and trembling and that on the next trip of only a few days one of his traveling men sold 120 dozen. The large sales are partly accounted ror by lower prices. The American manufacturers make the bells by machinery in quantity and at considerably less cost than previous prices on German bells. The reduction in prices has put the bells more or less into the department stores this season, and probably they will handle them still more ex-

tensively next year, but the supply trade feels that there is at least one more good year for this specialty before it is run into the ground.

The Christmas bell, or some other factor hurt the sale of cape flower wreaths but in some sections the immortelle wreaths sold better than ever, possibly partly because a good looking wreath could be bought cheaper than ever before. They were of German manufacture and made of immortelles not good enough to bunch. In many sections the supply was not equal to the demand. Most of the wreaths were embellished by the retailers with ribbon and green before being shown to the public.

CHRISTMAS GREENS.

The trade in Christmas greens was this year, in many respects, much more satisfactory than the past couple of seasons. There was enough bouquet green to meet all requirements of the legitimate trade, with no great surplus to demoralize the market, nor any shortage to put prices beyond reason and make trouble for those who had booked orders in advance. The market closed about where it had stood for three weeks.

The holly situation was not so satisfactory. The receipts were lighter than in the past couple of years, with the result that the grocers and butchers handled less holly and the trade and the shippers got better prices. Really good holly was very scarce and the market closed strong, prices higher than at any time in the past two or three seasons. Even poor holly was readily salable at the price of fair to good stock last year. It was used in making up wreaths, the berries being supplied by Ilex verticilata, the Christmas or red berry, sold by hundreds of cases and received of very good quality.

Galax leaves were used to a greater extent than ever before. Leucothoe was also used in quantity and one western house sold many cases of mahonia leaves. In the east laurel had its usual use and box green for wreaths and festooning made a great advance in popular favor. This is an evergreen not yet used in the west.

Mistletoe was of better quality than ever before and also in abundant supply, with the result that prices in quantity were moderate. The weather was moderate, permitting the stock to reach market in the best of condition.

CARNATIONS

CARNATION NOTES.—EAST.

Treatment After Christmas.

It is hoped that your plants have given a good Christmas crop and if so it is obvious that they have received what might be called a severe pruning. To be careless in watering is bad enough at any time, but at this time especially so. The removal of quantities of bloom within a few days destroys the balance between roots and top. All efforts should be made to restore this balance as soon as possible.

A heavy watering or the application of extra food in any form before the plants have recovered from the strain would only invite disaster. Keep the soil a trifle on the dry side for a few days. If the weather is cloudy very little water will be needed but look sharp for spots that are apt to dry out by heat from the pipes. With bright weather a gentle shower over the plants is beneficial. Use but little water and give plenty of ventilation even at the expense of fuel. This should be done early in the morning in order that the foliage may be dry before night.

I hesitate to advise overhead watering during the short days of winter as some may overdo the matter. We must watch the weather very closely and if not quite sure of a pleasant day, put off overhead watering and water sparingly at the root, if the plants show signs of flagging. Every care possible must be taken to get our plants into vigorous growth, for propagation in earnest will soon be in order.

Perhaps you have a good place to put your cuttings when rooted, but if not get one ready. See that fresh soil is at hand and do not delay too long getting some in to warm up. Geo. S. Osborn.

CARNATION NOTES.—WEST.

Propagating.

Now that the holidays are over and you can get down to the routine work, you should begin to work up your young stock for next season. While there are many varieties which will make as fine stock as anyone could wish for, from February cuttings, yet there are many varieties that should be propagated in January or earlier and there are no varities I know of that are injured a particle by being propagated this early, provided, of course, that you take proper care of the young plants after they are potted up. They must not be potted into small pots and left to become stunted, but must be shifted as required. If you are unwilling to do this you had better wait until February before putting in your cuttings.

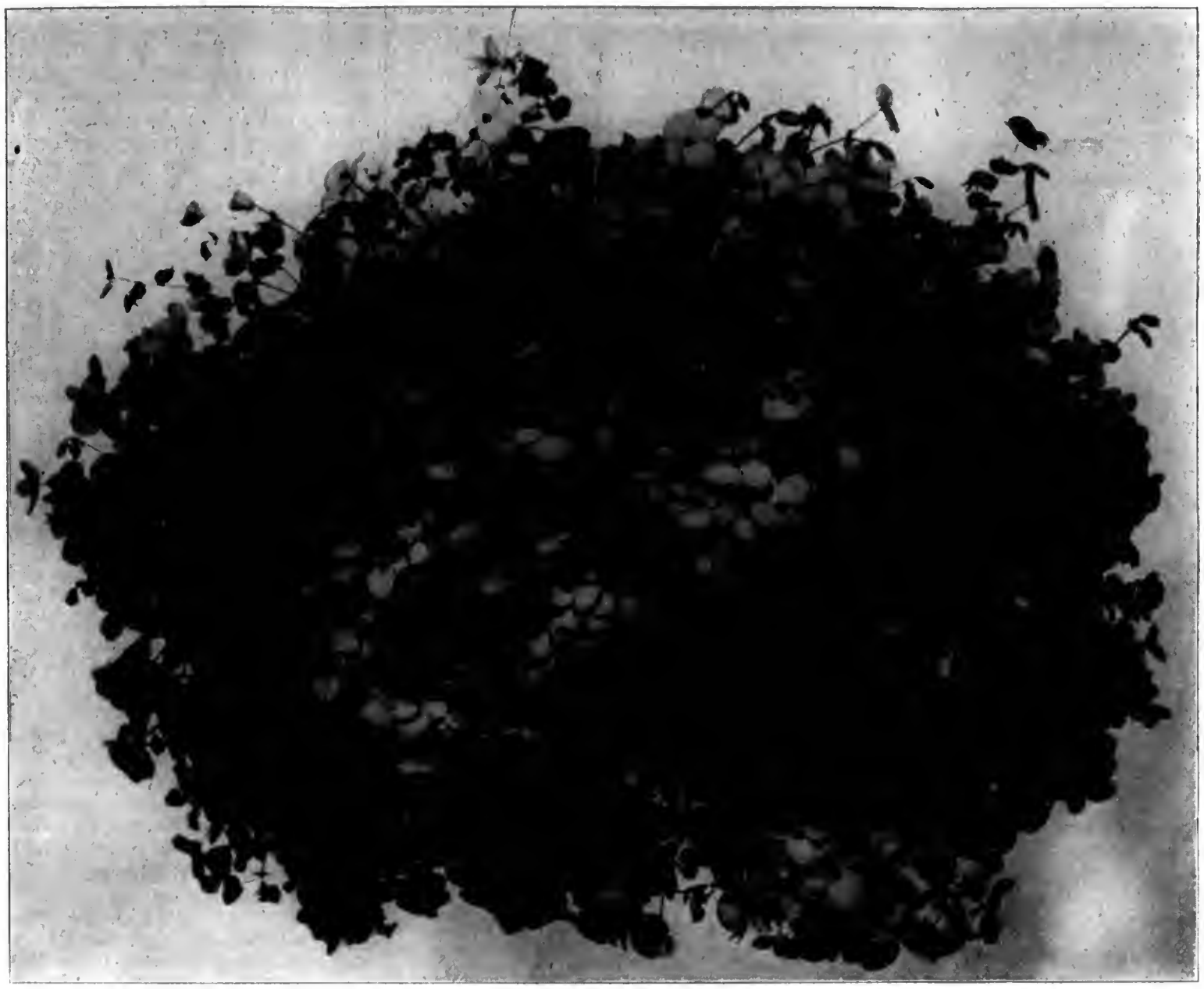
If you have some varieties of which you want all the cuttings you can get you will have to begin early and take them off as they grow. You need not sacrifice all the blooms, but take off all the young head cuttings from the shoots that have not begun to run up. These stubs will break before the other shoots have all bloomed and the plant need never be cut down too severely. Don't take cuttings that are too small and weak. Of course, there is a large difference in varieties and what would be a fair cutting of one variety might be a small one of another. We prefer the cuttings that grow out at the lower joints of the flower stems, but don't take them from too high up. A cutting that has an inch of stem between the flower stem and the lowest leaves is not fit to use in most cases. Another advantage in starting early is that if, perchance, you should be unfortunate enough to lose part of your cuttings you can still get in another batch in good time, instead of having to buy.

We are this year trimming our cuttings somewhat less than we used to do. After making a clean cut at the base, cut back all those blades that stand out away from the cutting and leave all those that stand upright, unless they be long enough to droop over.

Use clean, sharp sand and have about three inches of it on the bench after it is packed. Sprinkle the surface lightly after packing to prevent it from plowing up too much when making the furrows for the cuttings. After putting in the cuttings give them a good soaking to settle the sand around them. The cuttings should be about a half-inch to three-quarters of an inch apart in the row and the rows about one and one-half to two inches apart, according to the size of the cuttings.

While, of course, a specially built propagating house or bench is a very desirable thing, yet that does not signify that you cannot successfully root your cuttings without them. A bench built of good, sound boards, just tight enough to hold the sand and yet open enough to allow water to pass through, will root your cuttings nicely. If you cannot root your cuttings on this, I doubt very much whether you will be successful with the most up-to-

The Visitors at Cottage Gardens, New York Florists' Club's Outing, December 7.



Begonia Gloire de Lorraine Six Feet Nine Inches in Circumference, Grown by Alexander Ogg, Gardener to J. M. Sears, Southboro, Mass.

date kind of a bench or house. The same rule holds good as with growing stock. A good man with a poor house will grow better stock than a poor man with a good house. It is the propagator and not the bench that makes the difference.

The north bench in an even-span house makes an excellent propagating bench. If the pitch of the roof is tolerably steep you can hang a curtain to the sashbars to keep the sun off. The cuttings will get the full light and will keep in better condition than if they were darkened. When they are rooted you can give them the sun a few days before potting and, being on the north side of the house, the sun will not be too strong for them at first.

When putting in the cuttings keep the sand clean. None of the clippings should be allowed to get between the cuttings. They will cause fungus. Cleanliness is the main thing in propagating.

A. F. J. BAUR.

CARNATIONS IN THE SOUTH.

Here is a proposition for some carnation grower which I would like to have answered through your columns. I have been trying to run my houses at 55 degrees at night and 80 degrees during the day, and have succeeded very well until yesterday and last night. My houses (in Texas) were up to 100 yesterday, with all the air that I could give and last night I did not have to fire any at all and they staid above 60 degrees until just before day. Now we may have a norther within the next two or three days and we shall have to burn coal as fast as we can in order not to let the houses get too low. I am trying to learn all I can about carnations and I would like for Mr. Baur to tell us what he thinks of this. I have learned all I know about carnations through your paper. It is worth everything to a beginner. T. N. C.

I don't know that I will be able to tell you just what you want to know, as you do not ask any specific questions. From the tone of your letter I judge you want me to tell you how to proceed to produce good carnations. In not knowing what kind of houses you have for your carnations, or what shape they are in, I also find a stumbling block. With good, substantial houses, such as we must have up here, and built according to the needs, I do not see why you should not grow very good carnations down your way, at least a few months during the winter. My business partner spent many years in the lower part of your state and knows the climate thoroughly and he has told me enough about it so that I feel that I can form an idea of how I would proceed.

First of all, you want good houses, that you can close up tight in case of a norther. If you have only ten days each winter when you will have to fire hard to keep them warm it will pay you to have your houses and heating apparatus in such shape that you can keep warm. Build plenty of ventilators into your houses. I would prefer houses detached with ventilators on each side of the ridge and a row of ventilators on each side of the house below the eave-plates. You must be prepared to keep warm in case of cold weather and to keep as cool as the outside in case of a warm spell; and since these changes are apt to come on you suddenly you must be all the better prepared for them. I would grow my carnations in semi-solid beds, using cinders in the bottom and four inches of soil for planting. I think you would find the quality would keep up much better than on raised benches.

By selecting your varieties you could grow only those that best stand warm weather. For instance, Flora Hill and Gov. Wolcott for white and E. Crocker for pink, etc. There are others, but I merely mention these as examples. If you can have air on, these varieties will thrive with a night temperature of 60 degrees or even more, but be sure the ventilators are open a few inches. While 100 degrees is much warmer than carnations enjoy during the day, if the ventilators are wide open it will not necessarily destroy the quality. In fact Flora Hill and Crocker are usually at their best in the spring, when the houses run up toward 100 degrees.

I understand that you have very few cloudy days even during the winter. Why can't you shade your glass a little, the same as we do during the spring months, to break the strong rays of the sun? I would never allow the houses to drop below 55 degrees, as the change would be too great and would cause your calyxes to split as badly as they would for us at 40 degrees in the winter.

Regarding my cultural notes in the REVIEW, I would say, don't try to follow

them too literally. While in the main they may do all right, yet you must always make allowance for the difference in in the climate, etc. Being actively engaged in growing carnations and writing from experience, as I do, I cannot do otherwise than take this locality as a basis for calculating the proper time for one operation or another. Your own judgment must alter my recommendations to suit your case.

Now, if I have not touched upon the different phases of the case as you wished, I should be glad to have you send me a list of direct questions you would like answered and I will do my best to help you out. A. F. J. Baur.

OUTDOOR MUMS.

I desire to bed quite a lot of mums in the garden, where it is my intention to leave them permanently. I have no expectation of securing exhibition flowers, only good plain mums, and would like the names of about twelve September flowering varieties, which will make a fair show in such a situation. The earlier I can secure flowers the better show they will make. Of course I would like several colors. Or would you advise planting pompons rather than the standard sorts?

H. L. W.

What is a good list of chrysanthemums, early varieties, for outdoor planting? L. R. A.

We would certainly advise the planting of pompon chrysanthemums, where it is the intention to leave them permanently, as it is more in keeping with their nature and it is better to have small but perfect flowers than larger, imperfect ones. The amateur with this class can, with very little trouble, produce just as fine flowers as the practical florist with all his expensive paraphernalia. We would suggest the following as being the cream of the aster-flowering type, which is the largest of the pompons:

Blenheim, silver pink; Cowenton, scarlet bronze; Hijos, primrose pink; Lady de Vaul, violet pink; Ontario, lilac; Prince of Wales, pure white; Bohemia, pure yellow; Daybreak, daybreak pink; Joppa, violet crimson; Mrs. Vincent, violet red; Peto, terra cotta; Sunset, scarlet bronze. R. A. Vincent.

CHRYSANTHEMUM PROGRESS.

The development of the Japanese chrysanthemum during the past twenty years has been both interesting and remarkable, and it is probable that the enthusiasm that growers and the public alike have shown in the chrysanthemum as an exhibition flower has depended to a large extent upon the large numbers of novelties possessing superior merit from the point of view of the florist that have been introduced each season. Judging from recent experience, it seems hardly likely that such progress as that which has been obtained can be continued indefinitely. In point of size not only are the flowers sufficiently large, but they appear to have attained to a size which is nearly the limit of which they are capable. It is some years now since the variety Madame Carnot was raised by M. Calvat, but we believe that there are few, if any, recent novelties that are bigger than the largest specimens of that variety we have seen. In any case, we may regard it as a blessing if greater size is not sought in new varieties, but, instead, refinement in contour and richness, variety and brightness in color are encouraged. There are so many good varieties already that we think a very high standard of merit should be exacted in varieties to which certificates are awarded. The Royal Horticultural Society's committee set a good example in this way on Tuesday last, when many seedlings were shown for certificate, and all were rejected. The only award made was to a sport that will prove valuable for the supply of the market.—Gardeners' Chronicle.



Chrysanthemum Miss Winnie Terry.

A FAILURE.

It has often been noted that a chrysanthemum which does well in England and is a valuable commercial or exhibition variety may not succeed under the conditions existing in the United States. An example of this is found in Chrysanthemum Winnie Terry, one of the Wells set of 1904. The disseminator described this as a "deep apricot yellow, with long, flat, drooping florets, making a flower somewhat similar to Gen. Hutton but with narrower florets; has splendid foliage and is a good 'doer'; first crown, four and one-half feet." But under our American cultural conditions Winnie Terry has proved itself worthless, so far as first season's results go, and in this case they are apparently conclusive. It is deficient in petalage and shows no merit whatever. The illustration shows the flower as it was exhibited in England last season. That it will not do for us is to be regretted.

RED WAS SCARCE.

"Say! It's a pipe oat red stuff wuz a few chips shy dis Chrismus! I guess red roses and red canackes wuz growin' on every gooseberry bush, huh? Well, not so you could notice it! Lawsons got purty red de last few days; dat is, dose dat wuzunt blue wuz red enuf to fill orders wit. Even Enchants turned red long about six bells Sat'day eve.

"It cert'ly wuz amoosin' to see de wise guys chasin' fer red canacks Sun'ay mornin'. Ye could tell by lookin' at der phiz w'at dey wuz after de minit ye claps yer lamps on 'em. Dey had a hungry, scart look about 'em w'at says, 'Got eny red carnations?'"

"I heard a funny snap about a guy dat wuz shy on red canacks Sunday. He chast 'round to every commish' joint in de burg lookin' fer twent'-five red and all he could find ye could put in yer eye. He meets a geezer on de street wit his mits full er bundles an' he cracks, 'Say, Billy, has yer got twent'-five c.p.'s?' Well, Bill had 'em, all right, all right, but he wuz dead leary to let dis oder guy have 'em, 'cause he wuz on wit a few orders fer red hi'self. He tried to stall off dis guy as much as he could but de guy wouldn't be sidetracked an' handed out a awful hard luck story 'bout a speshul order fer a old customen and bein' only twent'-five shy. When Bill sees he can't stall off de guy he opens up his bundles dair on de sidewalk and gives his nobs a bunch er Chicago. 'Ain't yer got Estelle?' says de guy. 'Well, I likes yer nerve,' says Bill. 'I tinks dese is red enuf w'en yer ain't got any others.'

'How much?' says de guy. 'Eight cents,' says Bill, 'just w'at dey cost me.' 'All right,' says de guy; 'charge 'em to me.' 'All right,' says Bill, as he wraps up his bundles an' hikes fer a rattler.

"Dis wuz about ten in de mornin' w'en dis happens. Bill gets home wit his stuff an' starts in fillin' his orders, workin' his head off to make up de time lost wit de guy an' his red canacks. About four bells in de afternoon in comes a guy wit a bundle and lays it down on de counter. 'W'at's dis?' says Bill. 'O! Dose is de twent'-five red canacks dat —— got frum yer dis mornin'; he said he would get along wit w'at he had.'

"Now, wouldn't dat freeze yer pipes?"

MUGSY.

ALOIS P. FREY.

The head gardener at Lincoln park, Chicago, is Alois P. Frey, one of the youngest men holding so responsible a position in this country and probably younger than any man in Europe at the head of gardening affairs of so great magnitude. Mr. Frey was born in Switzerland in 1875. His father was in the commercial line, doing all kinds of landscape work as well as growing pot plants and conducting a seed business. The son left home when 16 years of age, spending several years in completing his horticultural education at such widely known establishments as those of Wilhelm Pfitzer, at Stuttgart, Germany; Schmidt, at Lyon, France, and Edmund Rochford, Cheshunt, England. He went home for a visit in 1896 and the following year came to America, finding his first employment on a private place at Portchester, N. Y., where the head gardener was G. X. Amrhyn, now superintendent of parks at New Haven, Conn. Mr. Frey soon went to spend four years in the department of floriculture of the parks superintended by Theodore Wirth at Hartford, Conn.

Having an ambition to go into business for himself, Mr. Frey engaged capital to build the Hueblein Conservatories at Hartford. The place cost $20,000 and was one of the prettiest florist establishments in the country. But it was foredoomed to failure. For some reason never satisfactorily explained plant life could not exist in the beautiful conservatories and, after much experimenting to solve the riddle, the place had to be abandoned. It is now a laundry.

Mr. Frey came to Chicago in July, 1903, at the request of R. H. Warder, the new superintendent of Lincoln park, who was familiar with the young man's work at Hartford. Mr. Frey was considering an offer to become the American representative of Vilmorin-Andrieux et Cie., the Paris seedsmen, when he received Mr. Warder's offer to become assistant head gardener. He became head gardener on the retirement of C. J. Strombach in August of this year.

Mr. Frey is a member of the S. A. F., the American Carnation Society and the Chicago Florists' Club and has a deep interest in all that pertains to the trade.



Alois P. Frey, Head Gardener at Lincoln Park, Chicago.

BOSTON CLUB MEETING.

The meeting of the Boston Gardeners' and Florists' Club on December 20 was undoubtedly the best the club has yet held. About sixty members were present and but for the near approach of Christmas the number would have been larger. The exhibits were numerous and of exceptionally high quality and the meeting would seem to presage an era of greater prosperity and added usefulness to the club.

President Pettigrew read a communication from the American Vilmorin memorial committee and asked for contributions in small sums from any of the members. A large number gave their quota. Ten new members were elected. J. W. Duncan gave a report on the field day at Framingham on December 17. It was voted to award certificates to meritorious exhibits, commencing with the present meeting. W. N. Craig stated that Mr. Hartshorne had forwarded Fiancee and Cardinal carnations for the meeting, but unfortunately they had not arrived in time. The president having introduced David Lumsden, that gentleman gave his excellent essay on ferns, which was listened to with close attention. In the discussion following the reading, Kenneth Finlayson, Robert Cameron and others took part. A vote of thanks to the essayist was carried amid applause.

The president appointed the following committee to judge the exhibits: James Wheeler, Alexander Montgomery, Peter Fisher, Robert Cameron and W. N. Craig. The exhibits included the following:

Carnation Winsor, a seedling from Lawson, warm flesh color, from Peter Murray, Fairhaven, Mass., awarded honorable mention.

S. J. Goddard sent a vase of his seedling, Helen Goddard, previously referred to in the REVIEW. It received a certificate of merit. His seedling No. 19, a cross between Marion Buxton and Helen Goddard, received honorable mention. This took the eyes of the members. It is of a salmon pink shade, fine form, stiff stem, and will be heard from again.

Peter Fisher received a certificate of merit for his seedling white, No. 411, a cut of which appeared in the REVIEW for November 10. This is a fine, full, pure white flower, more double than Wolcott. He also received honorable mention for seedling No. 173, a shade deeper in color than Enchantress. Mr. Fisher also showed Nelson Fisher and other varieties.

M. A. Patten received a certificate of merit for The Mikado, very similar to Prosperity, but said by Mr. Patten to be five times as prolific. Other interesting seedlings came from the same exhibitor, including Tammany Hall, named on account of its resemblance to a tiger, also vases of Pink Patten and J. H. Manley.

Rockland Greenhouses and H. A. Stevens Co. each scored a certicate of merit for Variegated Lawson. That from the latter exhibitor is much heavier striped and quite distinct from Mr. Arnold's sport. Stevens Co. showed a dish of grand mushrooms grown from pure culture spawn, very solid and of extra size. They were awarded a cultural certificate.

William Nicholson, in addition to some fine carnations, showed a vase of splendid mignonette of the Dailledouze strain, which received honorable mention.

Robert Cameron had a large vase of beautiful sprays of Euphorbia Jacquiniaeflora grown from July cuttings, kept in pots outdoors until September and then grown in a rose house.

James Wheeler had a fine lot of poinsettias, both in pots and cut. He stated that for food he uses a 6-inch pot each of bone dust and soot, mixed, in fifty gallons of water, which toned up the plants finely.

Alexander Ogg had a beautiful specimen of Begonia Gloire de Lorraine, which merited the cultural certificate awarded.

W. N. Craig showed Lælia anceps and

varieties alba, Stella, holochila, Percivaliana, Williamsii, etc., also L. Gouldiana, a natural hybrid between L. anceps and L. autumnalis.

Richmond rose from E. G. Hill Co. came in superb condition and was the star attraction of the meeting. A close scrutiny of flowers, stems and foliage, to say nothing of the delightful odor, led to the unanimous verdict from all present that the new western beauty was "all right" and that Liberty's star would soon set. The committee on awards regretted that a certificate of merit was the highest award in their power.

Mr. Montgomery's new seedling, Wellesley, showed up in fine shape and also received a certificate of merit. Mr. Montgomery stated that it is his son's production, now in its third year and almost a pure tea. He considers that new roses would keep on developing character up till the seventh year. He had found Wellesley a thoroughly satisfactory grower and it took remarkably well at the stores.

In regard to the Fiancee carnation, William Nicholson said the custom of not sending any plants to be grown in the east was a bad one, for most of the flowers sent on after two or three days' journey went to sleep, as a rule, as soon as unpacked. This was unfair to the varieties. Introducers of novelties should see to it that some of their stock is grown in various sections to allow would-be purchasers to see some plants growing, or at least see fresh flowers exhibited.

Peter Fisher, who showed a fine vase of Flamingo, stated his plants were grown inside since May. They were very slow in producing flowers until a month ago, when he raised the night temperature to 56 degrees, since which time there had been a great improvement. The tendency of some of the flowers to come single he attributed to over-propagation and thought a selection of stock would give much better returns another year.

The next meeting of the club occurs on January 16. Introducers of novelties, which have not yet been exhibited before it, should bear this fact in mind.

W. N. Craig.

PRONOUNCING DICTIONARY

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Frequent inquiry as to the correct pronunciation of plant names has led us to compile the following list of names, selecting those in most common use in the trade, and including botanical terms most frequently met with in articles upon plant culture.

In our list we have used the following

KEY TO PRONUNCIATION.

a as in fat	e as in met	ō as in note
ā as in fate	ē as in mete	ö as in move
ä as in far	ė as in her	ô as in nor
å as in fall	i as in pin	u as in tub
ă as in fare	ī as in pine	ū as in mute
à as in Persia	o as in not	ù as in pull

The syllables to be accented are marked thus ′.

(CONTINUED FROM LAST WEEK.)

G

Gaillardia—(gal-yär′di-å).
Galanthus—(ga-lan′thus).
Galax—(gā′laks).
Gandavensis—(gan-dav-en′sis).
Gardenia—(gär-dē′ni-å).
Gaskelliana—(gas-kel-i-ā′nå)
Gaultheria—(gâl-thē′ri-å).
Gaura—(gâ′rå).
Gazania—(gā-zā′ni-å).
Genera—(jen′e-rå).
Generic—(jē-ner′ik).
Genista—(jē-nis′tå).
Gentian—(jen′shian).
Genus—(jē′nus).
Geonoma—(jē-on′ō-må).
Geranium—(jē-rā′ni-um).
Gesnera—(jes′ne-rå).
Geum—(jē′um).
Giganteum—(jī-gan-tē′um).
Gigas—(gig′as).
Gilia—(jil′i-å).
Gingko—(ging′kō).
Ginkgo—(gingk′gō).
Glabra—(glā′brå).
Gladioli—(glā-dī′ō-lī).
Gladiolus—(glā-di′ō-lus).
Glauca—(glâ′kå).
Glaucophylla—(glâ-kō-fil′å).
Glechoma—(glē-kō′må).
Gleditschia—(glē-dich′i-å).
Gleichenia—(glī-kē′ni-å).
Globosa—(glō-bō′så).
Gloriosa—(glō-ri-ō′så).
Gloxinia—(glok-sin′i-å).
Gnaphalium—(nā-fā′li-um).
Godetia—(gō-dē′shiå).
Gomphrena—(gom-frē′nå).
Gracilis—(gras′i-lis).
Graminifolious—(gram-i-ni-fō′li-us).
Grande—(gran′de).
Graveolens—(grav′ē-ō-lenz).
Grevillea—(grē-vil′ē-å).
Guano—(gwä′nō).
Guava—(gwä′vå).
Gunnera—(gun′e-rå).
Guttata—(gut-tā′tå).
Gymnocarpa—(jim-nō-kär′på).
Gymnogramme—(jim-nō-gram′ē).
Gynerium—(ji-nē′ri-um).
Gypsophylla—(jip-sof′i-lå).

H

Haageanum—(häg-i-ā′num).
Habenaria—(hab-ē-nā′ri-å).
Hæmanthus—(hē-man′thus).
Halesia—(hālz′i-å).
Halleana—(hâl-i-ā′nå).
Hamamelis—(ham-am-ē′lis).
Hansoni—(han-sō′nī).
Harrisii—(hăr′is-i-ī).
Harrisoniæ—(hăr-is-ō′nē).
Hastata—(has-tā′tå).
Hedera—(hed′e-rå).
Hedychium—(hē-dik′i-um).
Helenium—(he-lē′ni-um).
Helianthemum—(hē-li-an′thē-mum).
Helianthus—(hē-li-an′thus).
Helichrysum—(hē-li-krī′sum).
Heliconia—(hel-i-kō′ni-å).
Heliopsis—(hē-li-op′sis).
Heliotrope—(hē′li-ō-trōp).
Helleborus—(he-leb′ō-rus).
Hemerocallis—(hem-e-rō-kal′is).
Hendersonii—(hen-der-sō′ni-ī).
Henryi—(hen′ri-ī).
Heracleum—(her-a-klē′um).
Herbaceous—(her-bā′shius).
Herbarium—(her-bā′ri-um).
Heterophylla—(het-er-of-il′å).
Heuchera—(hū′ker-å).
Hibiscus—(hī-bis′kus).
Hippeastrum—(hip-ē-as′trum).
Hirta—(her′tå).
Hispida—(his′pid-å).
Hollyhock—(hol′i-hok).
Horsfieldii—(hôrs-fēld′i-ī).
Hortensis—(hôr-ten′sis).
Horticulture—(hôr′ti-kul-tūr).
Houstonia—(hös-tō′ni-å).
Hovea—(hō′vē-å).
Howea—(hou′ē-å).
Hoya—(hoi′å).
Humea—(hū′me-å).
Humilis—(hūm′il-is).
Humulus—(hū′mū-lus).
Hyacinth—(hī′a-sinth).
Hybrida—(hī′brid-å).
Hybridist—(hī′brid-ist).
Hydrangea—(hī-dran′jē-å).
Hymenanthera—(hī-men-an-thē′rå).
Hymenophyllum—(hī-men-ō-fil′um).
Hypericum—(hī-pe-rī′kum).

(To be continued)

NEW YORK DOINGS.

In the issue of December 8 the Review published a note with regard to the opening of a retail store in New York, to be known as the Flower Market, supposedly a project of Jos. Fleischman. The following from the New York Sun of December 21 *may* throw some light on the project:

A cut rate in cut flowers was begun yesterday with the opening of a flower market in Forty-fourth street, near Delmonico's. The market purports to be the outgrowth of dictatorial methods on the part of jobbers and of overcharging in the business. It is said to be managed by a combination of suburban flower growers, who propose to make the haughty jobbers and retailers get on the low price band wagon or go out of business.

This is a pretty good-sized job to negotiate, as the combination admits, but its members say they are abundantly equipped to handle it. They propose that the flowers shall go direct from the grower to the buyer. There are to be no middlemen to swell prices at any stage of the proceeding.

The new flower market is to be a sort of floral clearing house, where the public will be able to buy flowers at about the same prices which the growers have been getting from the buyers. By short circuiting the connection between the man who grows flowers for profit and the man who buys flowers for pleasure the combine expects to reduce by just that much the price of transmission. Then, again, there will be no fancy rents to pay and expensively equipped stores to keep up.

"We opened at 7 o'clock this morning," said Conright C. Young, manager of the new flower market, last evening, "and we have been doing excellent business all day. We undersell the regular dealers by 50, 75 and even 100 or more per cent, straight through on all flowers we handle. For instance, there are some American Beauty roses. We are selling them for $3 a dozen. You would have to pay from $7 to $10 a dozen for them at any well equipped retail store. There are some Enchantress carnations. Our price is $1.50 a dozen. The regular retailers ask $3 for them. Then, again, there are some Lawson carnations. You may possibly have heard of Lawson. We get a dollar for them; the retailers ask $2.

"This trouble in the flower trade dates back some years. It began with the wholesalers dipping into the retail business. They did it on the sly at first, and then they came out into the open and did it defiantly. They sold flowers right and left in retail quantities at wholesale prices. That and other things demoralized the trade until finally the growers got disgusted and organized this company to handle their own crops. It will enable a good many people in New York to have flowers on their tables who never thought they could afford to have them."

In commenting on the enterprise to a reporter Alex McConnell said:

It is more profitable for a large grower to dispose of his product through a representative jobber in New York than to deal directly with the retail stores. They thereby obtain better prices for their goods. It is undoubtedly more remunerative for the retailer to purchase from the jobber such stock as he requires each day. Another advantage to the retailer is his ability to thus buy the best there is in the market, as each grower excels in some particular product, one making a specialty of roses, another of carnations, another of violets. And by this true and tried system the retailer is enabled to select from the best productions of horticulturists.

SOME POINTS ON PHLOXES.

For years I have raised seedling phloxes and have been delighted with the results, often finding those equal if not superior to the foreign ones. Last year I found the key to success and have been filled with delight at the result. One of the largest and best of our importations is the Crepuscule. It has a flower sometimes larger than a silver dollar. It is white with a violet shading and an eye of carmine purple. It has a rather dwarfish stem and puts all its vigor in the blooms instead of wasting it in wood. It has also a full orbed head and continues a long time in bloom, so you see it has all the points of excellence, and, besides all this it is a variety that impresses itself on its neighbors.

I planted this in the center of a group of other choice ones and last fall planted the seeds and thus have secured at least twenty new kinds which have been the delight of florists. Among those near was the French Coquelicot. This is bright orange scarlet, very striking in color, but nearly worthless in the west because it lacks robustness. It is not healthy and sunburns fearfully and yet crossing this with its neighbor, the Crepuscule, gave the same brightness of color which was its chief merit, a more robust constitution and flowers double the size of the parent, Coquelicot. In short the French variety seemed to have a tremendous influence on all the neighbors, often improving the color and increasing the size. A florist came to see some of my new creations. Taking a silver dollar he laid it on one flower and, measuring carefully, said: "It will take just about $1.35 to cover the whole." In color some were much like the seed parent, others deep red, some maroon and a marvelous variety of tints which came from the fortunate blending.

There is this in seeking gems among the phloxes: You find out in eight to ten months just what you are getting. Save the seed just before the pods burst. Place them in a box with a cover for they will pop out when they open. This is a provision of nature to have them extend their area as far as possible. Plant the seed in the fall; let it lie in the slush and snow. If planted in the spring better plant under a screen and see that the seeds do not dry when germinating. Get the largest and finest phloxes you can find; those that have full symmetrical heads, plant near together and save the seeds. I have secured Antonin Mercie, enormous white flower bordered with clear lilac; Bacchante, very large, in color rosy carmine with purple eye; Daniel Lescuer, violet edges and center of petals white, and many others and I am sure of splendid results. C. S. HARRISON.

BELLEVILLE, ILL.—A. S. Halstead, of the St. Clair Floral Co., has had a busy fall and winter with the new carnation plant recently constructed.

QUINCY, ILL.—Gentemann Bros. report the Christmas business as far and away better than heretofore. They sold out of both blooming plants and cut flowers.

RICHMOND, IND.—G. R. Gause says: "Christmas business with us was fully fifty per cent ahead of any previous year; carnations in the lead, with roses a close second; green moss wreaths and holly sold well. Boston ferns were also in demand. Prices about the same as last year."



Seedling Phloxes Raised by C. S. Harrison, York, Neb.
(Plants in full bloom November 1, after several severe frosts.)

PHILADELPHIA.

The Christmas Market.

The business done in cut flowers and in plants at Christmas was larger than ever before. The quality of the stock sold was excellent and for choice cut blooms, carefully graded, prices were higher than in 1902 and 1903. The demand for flowers of the Christmas color was exceptional. The supply was large but insufficient. Beauties and Liberty roses, Flamingo, Crane and Adonis carnations, euphorbia, poinsettia, and red bouvardia were all valuable stock, the quality bringing fancy prices. The figures quoted as possible in this column last week were practically correct. Fancy Beauties brought $15 a dozen. Fancy Liberties were very few, bringing $6 to $9 a dozen. Flamingo $2 a dozen, Crane and Adonis $6 to $10 per hundred. Good Maids were scarce at $20 to $25. Prosperity carnations brought $12 to $15. Enchantress, with far larger sales, brought $10 to $12. Double violets brought $1.50 to $2, single violets 75 cents to $1. The weak stocks on the list were white flowers. Brides lagged behind Maids. Romans and Paper Whites were not wanted. Carnations never sold better at Christmas. The crop was immense and the quality fine.

The weather, excepting on Friday, was most unfavorable. The large supply and generally good quality reflect much credit to the growers, as does the skillful and systematic manner in which the wholesalers and retailers sold and delivered the product. The stormy day Saturday was bad for transient business, violets suffering especially, but the telephone made up for the weather in many cases. The plant demand, especially for blooming stock, such as Lorraine begonias, azaleas, poinsettias, buttercup primroses, etc., was very heavy, one firm, Pennock Brothers, having to secure an extra supply as late as Saturday.

Pickling was a less serious evil than in past years. Let us hope that this senseless and wasteful practice will soon be a thing of the past. Some of the carnation growers, however, lost money by allowing their flowers to stay too long on the plants.

The retailers, as a rule, had just as much business as they could possibly do with all their skilled and extra help. They showed their appreciation of the superb lines of supplies offered them by investing heavily. The public saw, ad-

mired and bought generously of everything from Christmas bells to Christmas hampers filled with pretty plants. Taken altogether, Christmas 1904, proves that the love for and knowledge of plants and flowers is growing; that our people are prosperous and willing to pay a good price for a good quality. We must continue to do all in our power to foster this refining taste.

The Leo Niessen Co. has sent out a beautiful calendar for 1905. It represents a maiden carrying a bunch of Easter lilies.

What the Wholesalers Said.

"Good, all went well, but ordinary grades of carnations."—William J. Baker.

"Extra fine."—John Berger.

"Very satisfactory."—Eugene Bernheimer.

"Best I ever had."—Fred Ehret.

"Almost too much business."—Charles E. Meehan.

"Elegant; good shipping orders."—William J. Muth.

"We did a very large business. Red sold especially well. Carnations were plentiful and went well, except white."—Leo Niessen.

"We are well pleased with Christmas. The quality of our stock was fine."—Samuel S. Pennock.

"We worked day and night for three days."—Edward Reid.

Various Notes.

"Good, all went well but ordinary prosperous New Year.

H. Bayersdorfer & Co. have reason to be proud of the way their Christmas novelties took with the general public. Their effort to meet the demand for novelty and variety is meeting with gratifying success.

M. Rice & Co.'s business this season broke all previous records. Notwithstanding the great Christmas rush, they were able to take good care of all rush orders sent them, having large surplus stock to draw from. This year was the most prosperous in their business career. The plans for their new building have been completed and approved and work will begin in the early part of the new year.

D. T. Connor states that Lord & Burnham Co. has lately put in a new Challenge boiler for J. J. Habermehl's Sons, at Twenty-second and Diamond streets, disconnecting two old boilers and connecting the new one in three days.

Myers & Samtman are reported to have had 7,000 Beauties. It is certain that they had an immense crop.

H. H. Battles made a round of the commission houses with his buyer, John McIntyre, late on Friday night. Time being precious, they went in a cab and secured much desirable stock just in from the growers.

Thomas Butler, who represents H. Waterer, the Seventh street seedsman, has had a phone put in his house for the benefit of his business friends. He says business is good. His joyous smile proclaims that this is true. In times of dullness his smile is still there, only it is sadder.

Stephen Mortensen, of Southampton, sent a few very choice Liberties to Samuel S. Pennock.

The Millbrook-Lee Greenhouses, of Whitford, Pa., Maull and Howell, proprietors, have been sending Enchantress, Lawson and other fancy carnations to William J. Moore. The quality of the stock reflects the greatest credit on the grower, John Stanley.

The Flower Market had a great run on their fine Beauties. Among the buyers was Frank P. Myers, who bought a dozen of the best brand, M. & S. stamped on the leaf, evidently for a Christmas gift.

The trade in greens and in Christmas trees was very heavy.

Too tired to write any more this year.

PHIL.

BOSTON.

The Christmas Market.

Although there were no sensational advances in prices, as some had predicted, the Christmas trade of 1904 will go on record as very satisfactory. So far as can be learned, it has been equally good for wholesalers and retailers. Of course, the holding back process caused a certain stagnation in one or two lines, but not of sufficient magnitude to be of great importance.

The output of roses was rather larger than had been expected, especially of Brides and Bridesmaids. Prices on these showed no great advance, about $15 to $18 being secured for select stock, a larger proportion going at from $8 to $12. American Beauties brought $100 for long-stemmed stock, 24-inch-stems going at from $50 to $75. Best quality Meteor and Liberty sold at $50. In Killarney, Chatenay, Wellesley and other sorts, price did not rise much over normal figures. In carnations, fancy scarlets, such as Flamingo and Manley, made $10. Enchantress, Harry Fenn and one or two other fancies made $8 to $10. Some extra quality Prosperity were reported to have made $15. Good flowers of other varieties made $4 to $6, inferior stock going lower, whites being the hardest to move.

Violets easily made $2 if of good quality. The supply of these was unequal to the demand. Both double and single were of fine quality. Poinsettias are not much handled in a cut state in Boston. Select bracts sold at 50 cents. Roman hyacinths and Paper Whites made no advance and were, as usual, hard to move. There was a good supply of Lilium Harrisii from Peirce and Roland, these making $15 to $18. Lily of the valley made $4 to $6. Bouvardia, callas, stevia, mignonette and cypripediums made no particular advance.

Plants are not handled largely at the markets. Peirce sold large quantities of azaleas at the Park street market and some other growers had cyclamens, primulas, solanums and Boston ferns. Mann Bros. had a lot of berried hollies in pots, which sold well. At the stores the plant trade was of far more than the usual Christmas proportions. There can be no mistaking the fact that plants are to a considerable degree usurping the place formerly occupied by cut flowers as Christmas gifts. The best sellers appeared to be Lorraine begonias and azaleas. Poinsettias also sold in larger numbers than usual. Other sellers were cyclamens, primulas, ardisias, Aucuba Japonica, holly, solanums, Ericas fragrans and E. hyemalis. Trade in palms, ferns and other foliage plants was rather slow.

The supplies of Christmas greens were pretty well cleaned up on December 24. The quantity on hand was smaller than usual and good stock readily brought high prices. The numerous dealers in Christmas trees, wreathings, etc., on South Market street were cleaned out several hours before the time limit for clearing the street.

Since Christmas supplies have not been very abundant, due to cold, cloudy weather, and good prices have been maintained. Our Christmas weather was cold, temperature standing about 20 degrees above zero most of December 24. A considerable additional snowfall came on the evening of December 25.

The managers of both the Park street and new market report Christmas trade as very satisfactory, with stock of exceptionally good quality.

Various Notes.

The blooms of Fiancee and Cardinal carnations, which arrived a day too late for the club meeting, were on exhibition at the Park street market for several days.

M. H. Norton opened a store at 1 A. Park street a few days ago. We are glad to state that Mr. Norton reports an excellent Christmas trade in plants, flowers and greenery. We trust he may continue to prosper.

John Mutch, Newtonville, at one time orchid grower for J. E. Rothwell and for several years in business in Newtonville, has failed. Liabilities are given as $2,470.30, assets $765. Mr. Mutch grew a considerable quantity of orchids, chiefly cattleyas.

William H. Elliott, of Brighton, was the largest shipper of Liberty roses for the Christmas trade. His cut was of its usual high class quality.

The wholesale growers of decorative plants all report first-class business. Thomas Roland, of Nahant, who grows a large assortment, and grows them remarkably well, reports that he was as closely sold out of all flowering plants as he cared to be. In cyclamens, Begonia Gloire de Lorraine, which he grows in immense quantities, and poinsettias, he had to refuse orders for over two weeks before Christmas. Azaleas and primulas also sold well. In ferns Nephrolepis Scottii sold fairly well.

E. N. Peirce & Co. had some 1,500 azaleas in prime condition for Christmas and cleared all out. Leuthy & Co., Roslindale, sold out a house containing 1,200 and had good trade in Begonia Gloire de Lorraine and fern jardinieres. Farquhar & Co. disposed of a big lot of Lorraine begonias, azaleas, primulas, cyclamens, etc. W. W. Edgar sold out a large stock of poinsettias, Lorraine begonias, azaleas, primulas and cyclamens. L. H. Foster estate did a heavy trade in Boston ferns.

Charles Sander has a good batch of the Turnford Hall sport of Begonia Gloire de Lorraine and considers it a fine thing and especially good under artificial light.

William Sim had 100,000 Princess of Wales violets for Christmas, all of superb quality and could have sold many more, also 5,000 of Mont Blanc and Earliest of All sweet peas of grand quality.

William Spillsbury had 22,000 single violets on Saturday morning at the Park street market alone. A Foxboro grower had 35,000 Campbells and all cleared out quickly.

Welch Bros. did an enormous Christmas business, breaking all previous records. In greens they could have sold much more. While bulbous stock and cheaper grades of carnations and roses arrived in surprising quantities and were rather hard to move, the great bulk of the receipts were of the usual high quality handled by this firm and their shipping trade was of enormous proportions, calls coming from



The Youngest Florist.
(Son and business partner of W. J. Miller, Pontiac, Ill.)

all parts of New England. No Boston firm handled so many high class Beauties, Liberties and Queen of Edgely.

N. F. McCarthy & Co., Geo. A. Sutherland Co., and H. M. Robinson & Co. all did a heavy trade in Christmas greens, the last named firm doing a record breaking business. All the commission houses had to work all night Saturday and most of Sunday, although some lines were practically cleaned out on Saturday.

The supply of orchids at the stores, outside of Cypripedium insigne and Cattlya Percivaliana, was quite small. Some Lælia anceps and Calanthe Veitchii were about the only other varieties noted.

Nicholson's Prosperities were superb and netted the grower $15 per hundred. No other carnation brought as high a price as Prosperity and those who grow it well, find that nothing pays them better. Quite a number of fancy carnations made up to $12.

Galvin practically cleaned Edgar and Peirce out of azaleas, selling an enormous quantity at his Back Bay and Tremont street stores.

The first freesias of the season came in time for Christmas. They sold for $6. Myosotis sold at $3.

As usual there was an over-stock of bulbous flowers and white carnations. Quite a number of the latter were left unsold. The growers were a happy crowd at 10 a. m. on December 24, being about cleaned out of everything.

W. N. CRAIG.

GLEN COVE, L. I.—The Nassau County Horticultural Society has been organized here with fourteen members. Following are the officers: President, Thos. Harrison; vice-president, Jas. Holloway; treasurer, Ernest J. Brown; secretary, S. J. Trepass. The meetings will be held the first Wednesday of each month.

ST. LOUIS.

Christmas Trade.

The busy days of Christmas trade were very trying on the local florists. Most of them report business better than last year, while others say about the same, so taking all accounts together the Christmas business can be classed as very satisfactory all around. The weather was not at all pleasant; though not cold, it was dark and cloudy. Plants were easily delivered without any wrapping, which saved a great deal of work for those who handled a big stock of blooming plants, which sold much better this year than last.

The wholesalers had a great deal of trouble with the express companies in getting their consignments on time, some not coming in until the afternoon on Saturday and they were obliged to send their own wagons after the consignments. Another complaint is that the express companies refused to take back empties until after Monday.

Growers should mark their boxes "This side up," as a great many of them were standing on their ends and the heads of the best stock broken off. As usual, some of the growers resorted to pickling, which showed plainly on some of the stock that came in. But the bulk of our stock was of very good quality and sold at good prices. In roses, Beauties, Meteors, Liberties and Bridesmaids sold well. Brides, as usual at this holiday, were not in demand, but all the colored stock was limited. Prices ruled high on prime stock.

The carnation market was very healthy and a big supply came in, plenty of white and pink, but red was very scarce. Everything sold clean except the so-called held-over stock, which the trade will not buy in these times. The top price on fancy goods was $8 per hundred.

Violets were high in price and the retailers did not take any too well to them, as the general public will not stand for the price they are obliged to ask for them. There was a big supply of Romans and Paper Whites, which sold well at $3 and $4 per hundred. These were about the only items left over at the wholesale houses. Lily of the valley sold fairly well. Harrisii lilies were scarce, also callas. Some good stock in sweet peas was offered at $1 and $2 per hundred. Poinsettias sold well but were not over-plentiful. Smilax and asparagus at normal prices, sold well.

The retailers in the fashionable localities did a big plant trade and greater preparations were made this year than ever before. Azaleas, begonias, poinsettias, orange trees and decorative foliage plants were abundant and of excellent quality.

The holiday business in greens was much better than last year and it seemed that not enough holly could be secured for the demand. Wreathing also sold well, but the price is getting too low for the florists to handle, as the grocer, butcher and baker are handling wreathing at 5 cents a yard and holly wreaths at 10 cents, such as they are.

Various Notes.

Fred Weber's automobile delivery worked overtime on Christmas and came in handy for plant delivery in quick time.

Frank Fillmore received a novel Christmas present; a traveling bag with a complete outfit for the carnation society meeting next month, which he is making preparations to attend.

Frank Fillmore, Sr., is visiting his daughters in Chicago the past two weeks, spending Christmas with them.

Mrs. M. M. Ayers did a big business in both plants and cut flowers, much greater than last year.

George Waldbart, as usual, was sold out early of everything fancy.

The Ellison Floral Co. and Mary Ostertag had all they could do to get through by noon Sunday with their delivering. Everything sold well.

Ed Buechel, of the Riessen Floral Co., spent his Christmas in bed nursing his broken leg, while the company was busy as bees the past week.

C. Young & Sons Co. had the four big delivery wagons going the past week, attending to the wants of the large trade.

The club members should not forget the meeting on Thursday, January 12, as the first meeting of the year is always well attended. A big attendance is looked for. Those going to the Chicago carnation meeting should not fail to be on hand to hear the report of the committee.

J. J. B.

THE REVIEW is all right, the best paper.—C. L. BAUM, Knoxville, Tenn.

HERE is the dollar for 1905. I am much pleased with the REVIEW as it helps me in my business.—WM. M. FLUCK, Cincinnati.

THAT little one-inch advertisement in your valuable paper did the work all right, as usual.—J. F. AMMANN, Edwardsville, Ill.

I ENCLOSE a dollar for renewal of my subscription; it is worth several times that sum to me each year.—JESSE P. KING, Mt. Airy, Md.

HAPPY NEW YEAR!

And may it be a prosperous one to you. True, we are a day early; we are always a little ahead of the times. That is the reason we are successful. Follow us, you can't go wrong, by using our latest ideas in **FLORISTS' SUPPLIES.** We have dainty little Fern Dishes, Rainbow effects both in Baskets and in Pot Covers, French Baskets galore, useful folding Screens, Bamboo Pedestals, Silk Fibre Ribbons in a variety of colors, Wreaths of Cycas, Beech, Magnolia and Laurel, in every style, natural, prepared and ornamented; some of them are novelties, some are standard, all are of merit. In **STANDARD SUPPLIES** we have Fresh Cape Flowers, all colors; Wheat Sheaves, Waterproof Crepe Paper, Flat and Long Handled Baskets in variety and many, many other things.

H. BAYERSDORFER & CO.

THE Florists' Supply House of America.
50, 52, 54 and 56 North Fourth Street, PHILADELPHIA.

Mention The Review when you write.

DETROIT.

The Christmas Trade.

If a sleepy, tired and worn-out look is any indication of a good Christmas trade, then the florists of Detroit certainly had good business, for they all had that appearance by Sunday morning. My first call was at Breitmeyers', where they had eleven hacks out besides their own wagons, delivering goods before seven o'clock Christmas morning. They report sales about evenly divided between cut flowers and plants, everything in plants selling well except the white sport of Lorraine. All hands worked all night on Saturday, filling orders. Sullivan says it was a plant Christmas, with poinsettias in 8-inch pots in the lead and not enough to go around. He said the price of cut flowers ran too high, but he was buying carnations on Sunday morning, so they must have sold, too. Schroeter did a splendid trade with plants in the lead. With Taepke everything sold and he had plants to suit the purses of all classes, from 25-cent primroses to baskets at $15. The Detroit Floral Co. say the cut flower trade won out in that locality, anything in red selling well. In plants poinsettias and Boston ferns took the lead.

A visit to the Michigan Cut Flower Exchange found everything cleaned up except some late mums and white carnations. All report a very good trade in green goods, especially holly, which was, however, of very poor quality. During the week before Christmas the retailers all were very pessimistic as to trade and many were afraid to stock up, for not many advance orders came in, the result being that when the rush began they had no stock to show their customers, so lost some business which went where the goods were to be seen.

Various Notes.

At the last meeting of the club it was decided to try and secure the appointment of Robert Flowerday as park commissioner and a committee was named to wait upon the mayor-elect to that effect. The florists all feel that the appointment would be a most excellent one, but politics may interfere, or, more properly speaking, politicians.

It looks as if about twenty will attend the A. C. S. meeting in Chicago.

RAG.

UNIONTOWN, PA.—The Barton Floral Co. is getting a very nice line of decorative work.

CHICAGO.

The Market.

Because of differences in dates of cuts and the shiftings of growers, reports vary as to how the total of Christmas sales compares with last year, but where a few may have, for these reasons, done no more than a year ago, or even a little less, others did considerably better than ever before, so that in the aggregate this market made another high water mark. As forecasted in this column for the past two weeks, the supply turned out to be much heavier than was thought possible when the wholesalers first began to figure on Christmas price lists, but the demand kept pace with the supply, so that prices, with a few exceptions, were well maintained and all good stock cleaned up. A noteworthy feature was that the out-of-town business did not show an increase in proportion to the increase in city business and up to Friday things were quiet.

Had it not been for the great numbers of long Beauties used by some of the first-class city stores there would have been a serious over-supply on this item, for the receipts were very great, and as it was, when a customer called for 24-inch stems, sometimes the wholesaler would take a dozen long-stemmed flowers back of the icebox and bring out the required length. The holiday call for Beauties was never more fully satisfied in this market.

The Christmas call is always for first-class stock and a good many more Maids and some more Brides of the highest quality could have been used to advantage. The shortage of this grade made a fair market for the seconds and the "crap" also profited, but there were very few times during the week when plenty of this could not be found. In the end, however, the roses all cleaned up at prices in keeping with the quality. Of course Liberty and Meteor were far short of the demand, as is always the case at Christmas.

Carnations held up to quoted rates, with red and fancy Enchantress bringing top-notch prices, but white had to be forced on the buyers or sold below the price of colored stock, and some were carried over. Violets, next in importance, were very weak, the only item which did not do as well as might be asked. Never before did so many eastern violets reach this market. They came literally by wagon loads and the market went to pieces. The buyer made the price and Tuesday still saw some of Saturday's receipts unsold. The singles did fairly well, considering, but there was little chance for Campbell. Poinsettias, good mignonette, etc., cleaned up well. Paper Whites and Romans hung but valley sold well.

Taking it all in all, quality was as good as can be expected when so much storing must inevitably be done, and prices on good stock held unusually well. There was a little weakening on Friday, but as soon as the city trade started the market for good stuff stiffened again. At least one wholesale house was delivering goods all night Saturday. Sunday saw good business, taking all stock in sight, and Monday, with light receipts, the demand kept up. Tuesday there was not much doing and not much to do with, so that the market continues steady, carnations stiff and long Beauties the weakest item on the list.

The Retail Trade.

The retailers are a unit in declaring this the best Christmas to date. They had all prepared for good business, but few had counted on a record-breaker, and the way they "hollered" for supplies Saturday night and Sunday morning was a pleasure to the, at that time somewhat disappointed, wholesalers. They used immense quantities of cut stock of all sorts and, after the market stiffened from its single slight weakness, did not question price if they were so fortunate as to find the goods they wanted of the desired quality. Many of them worked all night Saturday. Thousands of Christmas bells, wreaths, etc., were sold and many used up their stocks of hampers, baskets, pot covers, etc., before all their orders were out. Every Christmas plant was sold. Indeed, had there been more plants the sales on cut flowers would have been less, for some of the leading stores reported that many customers chose plants in preference to cut stock so long as the supply lasted. Azaleas were very well flowered and the principal item in blooming plants, but poinsettias in pans, also cyclamens, sold well and primroses were popular in baskets and hampers. Aucubas, ardisias and solanums were fairly abundant and took well. Very little ribbon but many pot covers were used.

Various Notes.

George Reinberg had a phenomenal cut of Beauties for the holiday and sold

We wish You a **Happy New Year**

And if you will send us your order for Cut Flowers we shall use the best efforts of our strong organization to make it a prosperous New Year as well. We can supply all your wants in our line.

BEST WILD SMILAX ALWAYS ON HAND.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones { 1978 and 1977 Central. 7846 Automatic

AMERICAN BEAUTY,	Per doz.
30-36-inch stem	$6.00 to $8.00
24-inch stem	5.00
20-inch stem	4.00
15-inch stem	3.00
12-inch stem	2.00
Short stem	.75 to 1.50
	Per 100
Brides and Maids	$6.00 to $12.00
Meteors and Gates	6.00 to 12.00
Chatenay	6.00 to 15.00
Carnations	4.00 to 5.00
" large and fancy	6.00 to 8.00
Violets	1.00 to 2.00
Valley	4.00
Callas ....per doz., $2.00	
Paper Whites, Romans	3.00
Asparagus, per string, 35 to 50c.	
Asparagus Sprengeri	8.00 to 6.00
Ferns ....per 1000, $2.00	.25
Galax....per 1000, $1.25	.15
Leucothoe	.75
Adiantum	1.00
Smilax....per doz., $1.50	10.00
Wild Smilax, 25 lb. cases	3.00
" " 35 lb. cases	4.00
" " 50 lb. cases	5.00

Subject to change without notice.

Mention The Review when you write.

out clean Saturday night. He also had a good cut of Liberty. It was far and away his best Christmas.

John Poehlmann says that their sales for Christmas week were sixty-six per cent ahead of the same period in 1903. They have over 100,000 feet more glass this season, but even at that it speaks for a good cut.

Ed Winterson did not go out of the store Tuesday, Wednesday, Thursday or Friday nights.

The staff at J. A. Budlong's store repaired to the greenhouses after supper Friday night and staid there until six o'clock Saturday morning, grading and packing stock for Saturday's delivery to the retailers.

Weiland & Risch had a tremendous cut of Maids of the "double extra" variety.

E. E. Pieser says that the only thing he didn't like about Christmas was the way the violet market acted. They could have used more of everything else.

The World's Fair Flower Show Association on December 23 returned to guarantors the twenty per cent assessment levied late in October to meet preliminary expenses of the St. Louis show. Possibly it was in the nature of a Christmas present. There is also a New Year's gift in prospect.

E. C. Amling says that one of the most pleasing features of the Christmas business was the way the carnations traveled.

An out-of-town buyer cannot lose his standing quicker than by refusing a C. O. D. A buyer in Missouri did this on an order for $37 shipped him by a local house on December 17. The box was ordered returned, unpacked and put in the icebox. On Saturday night, just a week after the first shipment, the stock was sold over the counter to a man with his eyes open for more than it was originally billed out for.

Carl Thomas, secretary of the A. L. Randall Co., says that in his opinion the warm weather Friday took hundreds of dollars of value out of the Christmas stock. A. L. Randall says they had over 60,000 violets sold on advance orders.

Weiland & Risch had an order for shipment yesterday for 475 select strings of asparagus.

Frank Pesternick, who worked for a long time with the Anderson Floral Co. and later with others, is now with E. Wienhoeber Co.

W. N. Rudd has decided to send out two of his carnations this year, Phyllis, light pink, and Chicago white. Winterson has handled both sorts for two seasons and the buyers like them both.

Peter Reinberg is getting a big cut of Uncle John with very fine color.

Wietor Bros. are cutting extra quality carnations.

The Benthey-Coatsworth Co. is getting very fine Liberty from two-year-old plants.

There was a meeting on Tuesday afternoon of the general committee in charge of the Carnation Society entertainment. The preparations will now be pushed, for the meeting is only a month away.

The friends of Graff Bros., Chicago boys, are sorry to hear that they were burned out at Columbus, O., December 21.

IT is reported that the Indianapolis Floral Co., Indianapolis, has ceased to do business. Registered mail is delivered, however, and receipted for by Mrs. E. Furnas, presumably formerly of Sheridan, Ind.

THE advertisement in the REVIEW did the business on the geranium cuttings.—W. H. JONES, Lorain, O.

I AM highly pleased with the results of my advertisement in the REVIEW.—WM. ANDERSON, Brownwood, Tex.

Dreer's Superb Double Petunias



For nearly half a century we have been making a specialty of **DOUBLE PETUNIAS** and our strain is accepted as second to none, either here or in Europe. We annually plant many thousand seedlings from which only the finest double fringed forms are selected for propagating purposes, thus improving the strain every season, and this year's collection is the brightest and most pleasing one we have yet sent out. We offer 15 distinct varieties.

2¼-inch pots, 60c per doz.; $4.00 per 100; the set of 15 for 75c.
3-inch pots, 75c per doz.; $6.00 per 100; the set of 15 for $1.00.

SEED OF OUR SUPERB STRAIN OF FRINGED PETUNIAS. Double, 75c per 500 seeds; $1.50 per 1000 seeds. **Single,** 50c per trade packet.

Henry A. Dreer, Philadelphia, Pa.

Mention The Review when you write.

WHITE LAWSON

Which we introduced last season has given great satisfaction, and has proved to be

THE FINEST WHITE CARNATION EVER SENT OUT

Remember that we are headquarters for it. The demand will undoubtedly exceed the supply this season, and in order to secure early delivery, no time should be lost in placing order. We are now booking orders for early January delivery. Orders will be filled strictly in rotation, as received, so the earlier orders are booked, the earlier deliveries can be made. We can supply

First-class strong rooted cuttings, $7.00 per 100; $60.00 per 1000.

Also all the other novelties of the season, **FIANCEE, CARDINAL, FRED BURKI, etc.**

Also the cream of the older sorts, **Mrs. M. A. Patten, Daheim, Enchantress, Flamingo, Mrs. Thos. W. Lawson, etc.**

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

Mention The Review when you write.

NEW YORK.

Christmas Notes.

Again we have had a merry Christmas and though the great day of reunions, gifts and demonstration of human love and sympathy is but a memory, its lessons of good will and kindness will remain as long as life endures. It is an interesting thing, this gift of prophesy. It does not always work. This year it was a credit to its exponent. Everything came true to name, even the weather. The air was mild. Plants hardly needed an extra protection. The big snow storm held off graciously until about everything was safely delivered.

Prices of all cut flowers just came up to anticipations as quoted in the last issue. The best actually reached the high figures given. There was a great improvement in the freshness of stock, very little pickling, and what little there was receiving the condemnation it deserved. Before long it will be a disgrace to hold and send in aged flowers. By that time no reputable wholesaler will handle such goods at all. This will be retributive justice. "Whatsoever a man soweth, that shall he also reap."

It was a splendid Christmas. None has a serious complaint to make. Growers who sent good stock realized good prices, not the unnatural, exorbitant figures of other years, when values were boomed above all reason and everybody was made uncomfortable, but good, fair, advanced rates that were natural and expected and accepted uncomplainingly by buyers. So the growers have reason to say it was a merry Christmas and the wholesalers well may make merry, for when the smoke of battle cleared away on Sunday there was literally nothing left and prices, starting at fair levels, actually advanced as the day wore on.

Retailers paid the figures demanded because they knew they were fair and just, and there you are. And such a retail business. Never were cut flowers so appreciated and cleaned up these many years and plants of every kind, and in every style of arrangement, overwhelmingly in evidence everywhere as they were, were short of the demand. And supplies of green goods, holly, everything that goes with Christmas, including thousands upon thousands of bells of every kind and size and material, from paper to plushine, from silk to immortelles, all were sold.

There would be no use particularizing. Every man in the business would have to receive recognition. It was simply a banner Christmas and notwithstanding the prophesy of the French seeress of widespread disaster in 1905, it looks to our optimistic eyes like the greatest horticultural year the world has ever known.

Plant arrangements this year were exceptionally unique and beautiful. The artistic color grouping speaks well for the adepts who in each of the large retail stores make this a specialty. The plants themselves were perfect; they must be to suit the New York taste, and plantsmen in and around this city lead the world.

Among retail Christmas orders, to give our friends in the smaller cities and towns some idea of what the festive season of gifts develops in New York, I know of one order for sixty separate dozens American Beauties at $20 a dozen and one batch of orders for $900 worth of plants in baskets sent out to twenty-five different homes as Christmas greetings.

A visit to the Hinode Co.'s new plant at Whitestone is suggested. The Christmas demand absorbed every tiny Japanese plant, of which not long ago the supply seemed inexhaustible. They are expert growers of Harrisii as well as longiflorum lilies. They are already booking Easter orders.

A horseman clad in ancient armor marched up and down Fifth avenue last week with trumpet extended and banner unfurled. For a minute it seemed as though the days of old had returned, when knighthood was in flower. Everybody stopped to have a look and those who followed the stately prancer were led to the so-called Flower Market on Forty-fourth street, just off of Fifth avenue, where the poverty-stricken millionaires will have an opportunity to buy at the same prices they have always paid, satisfied if they think they are saving money. It's a good scheme, worthy of the advanced advertising age. In the Flower Market itself things look about as they do in any florist's store, only three or four lady stenographers are very busy, the merry click of their machines making a business-like melody, while men clad in long blouses of a blue-gray color, wonderfully like butchers' aprons over in dear old Lunnon, "don't cher know," wait upon the customers very much as do the clerks in the other stores. I didn't see any of the fifty growers, but I didn't go down cellar. I hardly think any of the big fellows on the avenue will close this week, however.

The Begonia Gloire de Lorraine baskets and balls were one of the crowning glories of the season. They were everywhere and yet there were not enough of them. Wonderfully popular they were, plants from 50 cents to $10 arranged in baskets. And bells, bells; it took little imagination to hear them ringing out the glad tidings of good will to men and peace on earth. (Russia and Japan excepted.) The mistletoe did service at the old stand as usual. There are some customs that never grow old. Those orange trees in yellow baskets with yellow ribbons were very pretty and they sold like hot cakes. Poinsettias, ardisias, brilliant dracænas, anything with a tinge of red in it, went without urging.

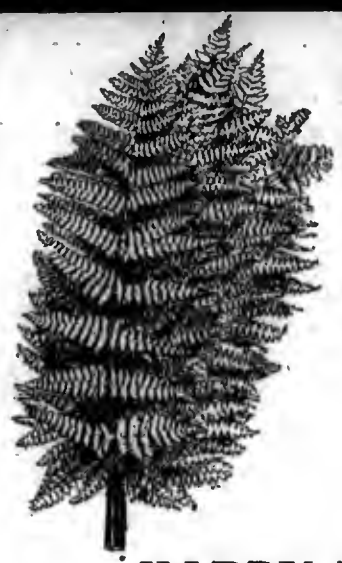
McConnell's new glass fernery graces many a table today. His English stone vases, of which he is sole arbitrator in New York, attracted attention.

Orchids, the plants with ribbons and baskets to match, were among the choicest items. Never was the heather more worthy of "lore and lay." It was grown to perfection.

"Jimmy" Collins, with Mackintosh, is better after two fights with appendicitis, just in time for some of his fine novelties.

Warren B. Craw, of the Lord & Burnham Co., has been spending the holiday part of his wedding trip at Washington. He will see all the principal cities of the country during his four months' honeymoon and will soon be reveling in the glories of Pike's Peak and the Rockies.

There was a runaway last week on Twenty-ninth street. The boys won the victory over the frightened horse and saved everything but the shaft and har-



Headquarters for Greens and Florists' Supplies

HOLLY, best in the market, $5 and $6 per case.
WILD SMILAX, $4 and $7 per case.
BOX GREEN, $18 per 100 lbs.
HARDY FERNS. Fancy, $1.50 per 1000. Dagger, $1.00 per 1000.
GALAX, New Crop, Green and Bronze, $1.00 per 1000.
LAUREL. Wreaths, $2.00 per doz. and upward. Festooning, 5c and 6c per yd.

HENRY M. ROBINSON & CO.

Long Distance Telephone MAIN 2618. **8 and 11 Province Street, Boston, Mass.**

Mention The Review when you write.

ROSES CARNATIONS

We produce First Grade Stock in such great quantities that we Can fill shipping orders for Select Stock at any time.

AMERICAN BEAUTY—			Bridesmaid	per 100,	$6.00 to 12.00
Extra long stem	per doz.,	$8.00	Bride	"	6.00 to 12.00
30-inch stem	"	6.00	Golden Gate	"	6.00 to 12.00
24-inch stem	"	5 00	Chatenay	"	6.00 to 12.00
20-inch stem	"	4.00	Liberty	"	6.00 to 15.00
15-inch stem	"	3 00	Meteor	"	6.00 to 12.00
12-inch stem	"	2.00	Carnations, good	"	4.00 to 5.00
8-inch stem	per 100,	$6.00 to 12.00	" fancy	"	6.00

All other stock at lowest market rates—No charge for packing. Prices subject to change without notice.

WIETOR BROS.

51 Wabash Avenue, ...CHICAGO.

Mention The Review when you write.

ness. It turned out to be Alex. Guttman's charger and not the horse that carried the knight errant over on Fifth avenue, as some suggested.

The superintendent of the Lawrence Estate, at Elmhurst, a Mr. Burkhard, married his employer last week and with her a half million dollars. This should be an encouragement to all superintendents, head gardeners and foremen everywhere. Mr. Burkhard was a widower and Miss Lawrence a spinster of 50 years. Everything comes to him who waits. We congratulate the profession.

Some great balls and public decorations are close at hand. Mrs. Astor's will be, as usual, the society event of the year; 1,200 invitations, the largest ever given in New York. The Arion is close at hand also. The opera season is at its height. The coming January will be the most brilliant month old New York has ever seen. March 4 is very near. There will be something doing every day and night until the great inaugural ball at Washington.

Next week, Monday, January 9, the first of the New York Florists' Club's meetings for 1905 takes place. It will be a great send-off and the president will outline the policy whereby he will beat his own record. There will be many features of interest. Don't miss it.

Alex. Westwood, at one time in the retail florist business on Columbus avenue, is now with J. H. Small's Sons, Broadway, and was transferred to their Washington store for the holidays.

Julius Roehrs, Sr., who has been very ill at his home with bronchial pneumonia, is now considered out of danger.

Here's wishing you a Happy and Prosperous New Year. J. AUSTIN SHAW.

NEWBURG, N. Y.—The Yuess Gardens Co. has been incorporated with $20,000 capital stock, by Robert H. Cathcart, H. L. Force and O. J. Cathcart.

KALAMAZOO, MICH.—J. H. Williams is now in charge of the greenhouses of the Dunkley Floral Co., succeeding M. F. Kyle, who has retired from active work.

PATERSON, N. J.—Ed. Sceery puts up some very fine window displays. For Christmas he had a rustic mill scene and across a valley a church in which a wedding was in progress. It attracted much attention.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

A REPORT is current in Chicago that an effort is being made by a syndicate of speculators to obtain practical control of flaxseed supplies.

A. LECOQ & Co., Darmstadt, Germany, advise that they have been awarded the grand prize for their exhibit of grass, clover, field and forest tree seeds at the St. Louis World's Fair.

THE first of the eastern general seed catalogues to come to hand was that of the D. Landreth Seed Co., mailed December 20. Barteldes & Co. mailed their catalogue December 21.

THE ROUTZAHN LOSS.

The loss in the fire of the Routzahn Seed Co., Arroyo Grande, Cal., December 15, is supplemented by the following telegram received December 27.

Total loss, $29,000; insurance, $12,000. Contents of warehouse, pole beans, vine seeds, flower seeds. Stock seeds saved. Company not crippled for 1905 business.

CATALOGUES RECEIVED.

D. Landreth Seed Co., Bristol, Pa., seeds; H. H. Groff, Simcoe, Ont., gladioli; W. F. Kasting, Buffalo, cut flowers and green; F. Barteldes & Co., Lawrence, Kan., seeds; Richard Vincent, Jr., & Son, White Marsh, Md., geraniums; Floral Gem Nursery, Webster, Tex., roses.

Calendars.

We acknowledge receipt of handsome calendars from E. H. Hunt, Chicago; Burns Boiler & Mfg. Co., West De Pere, Wis.

Vegetable Forcing.

CYANIDE AGAIN.

In the REVIEW of November 10 you speak of the quantity of cyanide to use for 2,000 cubic feet of space and of the method of using it. I have two houses, each of 10,000 cubic feet or over. I grow Grand Rapids lettuce and every winter am more or less troubled by green fly. Sometimes we are able to control it by smoking with tobacco stems. This season it is unusually bad and excessive smoking is hard on the lettuce, so I hail with delight a sure and safe destroyer. Will you tell me how you would use the cyanide so as to safely disseminate the fumes through so large a space? Each house is 24x100. W. M. P.

In a house 24x100 feet I would advise the use of three jars and it will be better to have two-gallon jars to prevent boiling over. Have one jar at each end of the house and one in the center. Use one pint of acid and two and one-half ounces of cyanide for each jar. Put the acid with an equal amount of water together in each jar. Then begin at the end farthest from the door to drop in the cyanide. Have this wrapped up in thick papers, two and one-half ounces in each. Drop in paper and all and you will be able to drop in all three and get to the door before the acid has eaten through the paper, which it has to do before the gas begins to be given off. Make sure to lock the door, so that no one can get in. Operate at night and by next morning the house can safely be entered. Be sure that the foliage is dry and the temperature below 60 degrees, which it would of course be in a lettuce house. The quantity given here is not so strong as usually recommended but I have found it quite strong enough to kill green fly. If your house is very close and the night still a smaller quantity might do the work but I have used it stronger than this, when experimenting with no bad results.

W. S. CROYDON.

[We fear that Mr. Croydon has not made sufficiently clear, in the above, the deadly character of the gas. Under no circumstances delay one instant in getting out of the house after having dropped the package of cyanide in the jar of acid.—Ed.]

VEGETABLE MARKETS.

Chicago, Dec. 28.—Cucumbers, 50c to $1.15 doz.; leaf lettuce, 30c to 40c case; head lettuce, $3 to $4 bbl.

Boston, Dec. 27.—Cucumbers, $5 to $12 box; lettuce, 25c to 35c doz.; radishes, 25c to 35c doz. bunches; tomatoes, 30c lb.; mushrooms, 75c to 80c lb.; mint, $1.25 doz.; parsley, 25c box; asparagus, $5 doz. bunches.

LETTUCE.

The season so far has been favorable for the growth of lettuce, as we have had very little dull, damp weather, but we are not out of the woods until we get through the month of January. So far this season we have had no trouble whatever with leaf burn or similar diseases. As a preventive against these it is well to keep the soil rather on the dry side now, to keep the plants firm and to keep the soil well stirred and all decayed or yellow leaves picked off as soon as they appear.

If raised benches are employed for growing lettuce it will be necessary to apply water oftener to prevent the beds from becoming dry. I think this frequent application of water necessary for raised benches is one of the chief reasons why lettuce does not succeed as well on benches as in solid beds and I would advise those who go into lettuce growing to any extent to try, if possible, and do away with raised benches altogether and adopt the solid beds. In the solid bed the natural moisture of the soil is a great advantage. The fact that in the solid bed the roots of the plants are cooler than the overhead temperature is also very advantageous.

It is not always possible to arrange the benches just as one would want them. A good many small growers grow lettuce as a sort of catch crop and most depend on the benches for growing other crops at other times. Where the Grand Rapids variety can be sold it is undoubtedly the best variety for bench purposes. But the grower is often confronted with a demand for head lettuce only and it is often no easy matter to produce good head lettuce in raised benches. The plants do just as well up to a certain stage. It

RATEKIN'S Seed House
WHOLESALE SEED GROWERS
SEED CORN, OATS, SPELTZ, BARLEY
SHENANDOAH, IOWA.
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WHOLESALE SEED GROWERS
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Burpee's Seeds Grow

LONG ISLAND CABBAGE SEED
AMERICAN CAULIFLOWER SEED
And other Special Seed Stocks.
Francis Brill - Grower,
Hempstead, L. I., New York.
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RALPH M. WARD & CO.
Exporters and Importers
17 Battery Place, NEW YORK
Horseshoe Brand. Bulbs, Plants.
Valley our Specialty Cold Storage Pips Always on Hand.
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Gladiolus Bulbs
Our bulbs are not better than the best, but better than the rest.
TRY THEM.
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SYLVANIA, OHIO.
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Two Grand New Asters

Benthey's White
Benthey's Pink

The Seed of the Two Varieties will be ready for distribution January 1, 1905.

PRICE LIST

TRADE PACKAGE	$1 00
¼ OUNCE, White or Pink	2 50
½ OUNCE, " "	4 50
1 OUNCE, " "	8 00

For further information write

The Benthey-Coatsworth Co.

35 Randolph St., Chicago.

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Asparagus Plumosus Nanus Seed

Our own growing, just ripening, 100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $4.00. Address

B. H. Haverland, Pleasant Run, Ohio

Mention The Review when you write.

is after "hearting" begins that leaf burn usually makes its appearance and it is very disappointing to a grower to see his nice lettuce getting brown or rotting around the edges of the leaves just when the crop is nearing the mature stage and when the return for all his labor and trouble was about to be realized.

Of course, this is not always the case but, on the other hand, it cannot always be avoided. The lowering of the temperature of the house often helps to check the spread of the disease but if the crop is far enough advanced to be fit for market, the best and surest plan is to cut and market the crop as soon as possible, as it is a hard matter to entirely stop the spread of the disease where once it has got a good start.

If head lettuce has to be grown on benches get as hardy a variety as possible (we find Deacon the least susceptible to disease), keep the benches well stirred and clean, the atmosphere of the house sweet and use every possible means to keep the growth firm until the dull, short days are over. W. S. CROYDON.

BELLEVILLE, ILL.—Christmas business was never better than this year with all in the trade here. Holly and green were abundant and sold out clean.

PLEASE accept my thanks for the Pronouncing Dictionary which you have added to your already valuable columns and which has enhanced their value one round dollar more.—E. J. THOMAS.

CHAMBERSBURG, PA.—Byer Bros. say Christmas business was much better than last year, with prices about the same. In cut flowers, roses, carnations and violets sold best; very little call for hyacinths or narcissi. Blooming plants, such as azaleas, poinsettias and primroses, were in strong demand, with very light call for foliage plants. Holly had an extra heavy call, with only fair quality available.



NEW CROP Flower Seeds

	Per 1000 seeds	Per oz.
Mammoth Verbena, choice mixed, quality unsurpassed	$0.20	$1.00
" " Blue, white, purple, scarlet and pink, each	.25	1.25
	Trade Packet	
Petunia New Star, remarkable bloomers	.25	
" Dwarf Inimitable (Nana Compacta) fine for pots	.25	$1.25
" Giants of California, mixed	.50	
Smilax, new crop. Per ¼ lb. 60c. Per lb. $2.00		.20
Salvia Splendens, Clara Bedman or Bonfire	.30	2.00
Stock, Princess Alice, (cut and come again)	.30	2.50
Pansy, Johnson & Stokes' **Kingly Collection**, the finest strain obtainable	.30	5 00

Write for our new Florists' List—just issued.

JOHNSON & STOKES, 217 and 219 Market St., PHILADELPHIA, PA.

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Michell's Choice Seeds

Asparagus Plumosus Nanus, fresh from greenhouse, very fine, 100 seeds, 90c; 1000 seeds $7.00. Write for special quotations on larger quantities.
Salvia Bonfire, the best dwarf scarlet sage. Trade pkt., 40c; ounce, $2.50.
Verbena, Michell's mammoth fancy strains, the finest verbena grown, blue, pink, scarlet, white, striped mixed all colors, trade pkt., 30c; ounce, $1.50.
Carnation Bands. Prices—1000 for 15c; 2000 for 25c; 4500 for 50c; 7000 for 75c; 10 000 for $1.00.
Send for our advance seed list now ready.

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RUSSIAN LILY OF THE VALLEY

Per 1000	$ 15 00
Per 2500	32 00
Per 10000	125 00

THE BEST FOR EARLY OR LATE FORCING.

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For My Exhibition of GLADIOLI At the World's Fair

it is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. **Groff's Hybrids and other sorts the best obtainable.**

Write for Catalogue. **ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.**

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ARRIVED Consignment of extra Strong Bulbs of Our GOLD

Medal Strain Tuberous Begonias

Order now. See prices in classified dept.

HUBERT & CO., Ltd.

N. LEPAGE. MT. VERNON, N. Y.

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FORCING PIPS. VERY FINE VARIETY. Apply to

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PINNEBERG, (Germany).

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Arlington Tested

Seeds FOR THE FLORIST

Catalogues Mailed Free.

W. W. RAWSON & CO., Seedsmen,

12 and 13 Faneuil Hall Square, BOSTON.

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SIOUX CITY, IA.—J. C. Rennison has been forty years in the business, having been twenty-two years at his present location, where he has 60,000 feet of glass, growing a general line of stock and employing fourteen assistants.

Thorburn's Bulbs

ARECA LUTESCENS SEEDS

at $3.00 per 1000.

LILY OF THE VALLEY

PIPS AND CLUMPS.

Lilium Auratum and Speciosum All sorts

The great new Potato

Noroton Beauty

All who issue catalogues should not fail to include it. Descriptive circular on application.

J. M. THORBURN & CO.

36 Cortlandt St. NEW YORK.

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WE are sending a dollar for the renewal of our subscription to the REVIEW, which has proven very satisfactory to us; we shall give you all the advertising we have to do in the future.—WEBER BROS. Ironton, O.

SUZUKI & IIDA, 31 BARCLAY ST., NEW YORK
FRESH CROP OF PEAR SEED
OFFERED AT $2.50 per 100 LBS.
Now is the time to book your orders for JAPANESE NURSERY STOCK for Spring Delivery.
WRITE FOR CATALOGUE.
Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

M. S. Good, Hitt, Mo., has bought stock with which to start a nursery business.

Prof. J. L. Budd, for twenty-two years head of the Iowa State Agricultural College, died at San Antonio, Tex., December 20. He was widely known among nurserymen.

B. T. Hoyt, the Minnesota nurseryman, speaks in very high terms of the strawberry-raspberry, commending it particularly to the attention of manufacturers of preserves.

S. W. Marshall & Son, nurserymen, plant and seed dealers, Fresno, Cal., issue a neat descriptive catalogue of sixty-four pages without prices, this important information being supplied annually in a separate pamphlet.

Peony growers report a very good demand for the past season and prospects for big business in 1905, with stock short in many varieties. Foreign growers are advancing their prices, pushing them in some instances higher than the same sorts can be bought for on this side.

Frank Hamilton, superintendent of Bronx park, New York, has resigned to enter the Cottage Gardens Co., Queens, N. Y., as manager of its landscape and nursery sales department, having purchased a substantial interest in the corporation. Both the company and Mr. Hamilton are to be congratulated on the alliance.

WESTERN NURSERYMEN MEET.

The Western Association of Wholesale Nurserymen held its annual convention at Kansas City, December 20 and 21, with a large number of nurserymen from Missouri, Kansas, Iowa and the southwest in attendance. An amendment to the constitution of the association was offered by A. L. Brooke, of Topeka, providing for the dropping of the word "wholesale" from the title of the organization. It would then be known simply as the Western Association of Nurserymen, and would not, as now, be restricted to the large nurseries which do a wholesale business. The amendment will not be voted upon until next year's meeting, but the sentiment of the association seems to be favorable to its adoption.

The annual election resulted in the choice of these officers for the ensuing year: President, Peter Youngers, Geneva, Neb.: vice-president, A. Willis, Ottawa, Kan.; secretary and treasurer, E. J. Holman, Leavenworth, Kan.; executive committee, F. H. Stannard, Ottawa, Kan.; W. P. Stark, Louisiana, Mo.; R. J. Bagby, New Haven, Mo.; D. S. Lake, Shenandoah, Ia., and E. P. Barnardin, Parsons, Kan.

The association endorsed the work of the Postal Progress League. W. P. Stark discussed the increased production and narrowing margin of profit in the business. Other talks were by R. J. Bagby, E. S. Welch, J. A. Lopeman, E. M. Sherman and J. W. Schutte. Prof. G. G. Hedgecock, of the Missouri Botanic Garden, delivered an address on diseases of nursery stock.

There was also a meeting of retail nurserymen December 20, presided over by J. W. Hill, of Des Moines.

ELMIRA, N. Y.

Holiday trade here has been very gratifying, both to the grower and retailer, trade being good, prices fair and a really good demand. The various stores in the city were tastefully decorated for the occasion and attracted considerable attention. They showed an assortment of pot plants and cut flowers that would have done credit to a much larger city.

Among the growers there is a feeling of satisfaction that this is one of their best, both in volume of business done and in regard to prices, which, while satisfactory to themselves, were also considered fair by their customers. The supply of roses was smaller than was anticipated, owing to continued dull weather, which also affected the output of carnations to a considerable extent, but the quality of both was excellent and the demand such that many orders had to be refused. Violets also were a short crop and prices ruled high. Of greens, such as smilax, Asparagus plumosus and Sprengeri, there was an abundance and a fair demand. Lilies were scarce and in little demand, while callas sold readily at $15 per hundred. Bulbous stock, with the exception of Paper Whites and Romans, was scarce, the price for these being $3 to $4, with a fair demand during the latter part of the week.

In potted plants, such as azaleas, cyclamens, primroses, etc., the demand was much heavier than last year and the retail stores did a big business in this line.

Mr. Durand, who succeeded the late Grove P. Rawson, made an excellent showing, his poinsettias and violets being exceptionally fine.

H. N. Hoffman had a very fine cut of carnations, which he disposed of at good prices. Mr. LaFrance also did a big business in carnations and potted plants. Mr. Leyden, who started in business about two months ago, reports a fine trade and expresses himself as being satisfied with his venture.

From the throngs which crowded Mr. Leavitts' store it was evident that he was doing a rushing business. He is satisfied that his trade is fifty per cent larger than last year.

This being the first year of the United States Cut Flower Co., it was watched by the other growers and the stockholders with a good deal of interest. Their cut of both roses and carnations and the side issues was fair and the quality fine. The demand for their stock far exceeded their anticipation, having to refuse many good orders. Mr. Curran, the superintendent, is entirely satisfied with his first Christmas and prospects. R.

ROSES FOR SPRING BLOOMING
The proper sorts. Clothilde Soupert, General Jacqueminot, Ulrich Brunner, La France, Magna Charta, Crimson Rambler, etc.; fine field-grown plants that have never been forced, suitable for 5 in. pots, at 7c; larger for 6-in., at 12c. Crimson Rambler, XXX, long tops, 20c. Large flowered Clematis, finest purple, lavender, white and red sorts—2-year, at 18c; 1-year, at 9c. Hydrangea pan. grand., fine bushy plants, 8c. Other shrubs, etc., in cellar, priced on application. Packing free for cash. W. H. SALTER, Rochester, N. Y.
Mention The Review when you write.

Crimson Ramblers
2 years, $12.00 per 100.
Our own growing. On their own roots.
Considerable stock of other roses; field-grown, dormant plants; on own roots and budded.
JACKSON & PERKINS CO. Newark, New York.
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VAN DER WEIJDEN & CO.,
"The Nurseries," BOSKOOP, HOLLAND,
Have to offer EXTRA FINE Blue Spruces (Koster) from 2 to 5 ft. high. Taxus in all sizes. Conifers, hardy shrubs. H. P. Standard and Dwarf Roses. Crimson Rambler, etc., etc. Strictly first-class. Moderate prices.
Catalogue free on demand. No agents. For the trade only.
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TREES and SHRUBS
FINE VARIETIES. Low Prices.
For both wholesale and retail trade.
Send for catalogue.
PETERSON NURSERY,
504 W. Peterson Ave., CHICAGO, ILL.
Mention The Review when you write.

W. & T. SMITH COMPANY
GENEVA, N. Y.
Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
Send for our Wholesale Price List.
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EVERGREEN.
An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.
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Lithographing, Printing, Engraving, Binding Exclusively for FLORISTS, SEEDSMEN and NURSERYMEN
Sample Colored Plates free—Send for Catalogue
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Mention The Review when you write.

MIGNONETTE, very fancy - - $10 per 100
" fancy stock, $6 to $8 per 100
Fancy White Lilac, after Jan. 5 - $2 per doz.
ROSES, BEAUTIES, CARNATIONS, PAPER WHITES, ROMANS, VALLEY. A FULL LINE OF CUT FLOWERS OF ALL KINDS.

A. L. RANDALL CO.
WHOLESALE FLORISTS
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A Daily Cut from 40 to 50 Growers

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Plenty of BEAUTIES, MAIDS, BRIDES, etc.
CARNATIONS, VIOLETS, BULBOUS STOCK, etc.
ALL GRADES.

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IN THE WEST.
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Established 1894.
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Mention The Review when you write.

RED BANK, N. J.

The greatest time the Monmouth County Horticultural Society ever had was at its first annual dinner, held at the Sheridan Hotel, Red Bank, December 22. Much of the pleasure is to be attributed to the toast-master, Patrick O'Mara. He kept the company in a constant uproar of laughter and the remarks of the visitors were gratifying to the members as well as to the toast-master. The different speakers were the officers of the society and Dr. W. S. Whitmore, John Yeomans, N. Butterbach, the proprietor of the Red Bank Register, John Cook, and a great many others. Charles H. Totty responded for the Morris County Gardeners' and Florists' Club and John Scott for the Tarrytown Horticultural Society. B.

CALLA, O.—An accident to the boilers of the Templin Co. caused the loss of a large part of the stock of Begonia Templinii and renders it impossible to distribute it to the trade this season, as had been planned.

TOLEDO, O.—O. B. Wisner is successor to A. F. Schramm. In addition to cut flower trade he will do a large business in bedding stock, etc.

WASHINGTON, D. C.—The trustees of the Carnegie Institution, organized to encourage scientific research, do not make public the amount of the appropriations made to assist Luther Burbank in carrying on his work in plant breeding, but the sum is said to be very large. It is payable in ten annual instalments.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.
Plant advertisements NOT admitted under this head.

WANTED—A young man, German preferred, who understands something about the florist business; state wages; references required. Address F. J. Stehle, Lorain Ohio.

FOR SALE—A bargain if you mean business; 7,000 feet of glass; established fifteen years; 160 miles south of Chicago; well stocked for the trade Address No. **104**, care Florists' Review, Chicago.

WANTED—A good store assistant, one who can make himself useful in any department; good chance for right party to advance; steady work, good wages; place open Jan. 2. 1905. Address No. **103**, care Florists' Review, Chicago.

WANTED—An energetic young man who is capable of taking charge of a moderate sized greenhouse plant in a thriving city of 20,000; must understand roses, carnations and bedding stock; salary and commission; good chance to work up. Address No. **102**, care Florists' Review, Chicago.

SITUATION WANTED—As first assistant in commercial or private place, by a young man, 30; best references; state wages. Address No. **105**, care Florists' Review, Chicago.

SITUATION WANTED—By a first-class rose and carnation grower; 31 years of age; German; single; 15 years' experience; good references. Address No. **106**, care Florists' Review, Chicago.

WANTED—First-class carnation men, immediately; good wages. Chicago Carnation Co., Joliet, Ill.

FOR SALE—To be removed, greenhouses, glass, ironwork, etc; cheap for cash. Owner, 6335 Kimbark Ave., Chicago.

SITUATION WANTED—As working foreman in cut flowers; will take charge of range of roses or carnations, or handle a place on shares; references exchanged. O. B., 246 Crocker Av., Mt. Clemens, Mich.

WANTED—Practical experienced nursery agents in every city; retail; salary or commission; special inducements allowed to those having covered extensive successful territory; references. J. Dobbertin's Son, P. O. Box 388, Rochester, N. Y.

WANTED—A competent young florist to take charge of a small place and fire; will pay $35.00 per month and board. Address W. H. Wright, Vicksburg, Miss.

SITUATION WANTED—By a competent grower in cut flowers and general stock; 16 years' experience; capable of taking charge. Address Florist, New Bedford, Mass.

FOR SALE—Some extra good second-hand 3-in. pipe, guaranteed sound, 6c per foot; also some 4-in.; and small and medium size boilers. W. H. Salter, Rochester, N. Y.

FOR SALE—In a live gas city of 15,000; five greenhouses stocked with roses, carnations and a general assortment of plants; natural gas for fuel, cheapest on earth; seven room house, large grounds, barn, etc. Address A. L. Harmon, Iola, Kan.

FOR SALE—6,500 feet glass, barn, horses, wagon; plenty of water; over 30,000 square feet of land; steam pump; tower; three hot water heaters; 15 minutes' walk to R. R. station; 30 miles from New York. Trolly passes front of place; large town in which a good business can be done; will be sold cheap. Address No. **101**, care Florists' Review, Chicago.

FOR SALE—Ballard's greenhouse, $750, Perry, Iowa.

THERE IS mail at this office for advertisers No. **53, 81** and **85**. Kindly call or send address to this office and mail will be forwarded.

WANTED—A young man of good habits for gardener on small private place of two acres; must be willing and sober, and not adverse to doing odd jobs about the place if asked; good wages. Address J.W. Campbell, Huron, S. D.

WANTED—First-class rose and carnation grower; permanent place; $60 per month to start; reference as to ability and character required. Address No. **87**, care Florists' Review, Chicago.

WANTED—The big K.-B. nurseries, of Newark, N. Y., want more trustworthy salesmen at once to sell their high-grade nursery stock, seeds, sprayers and separators. We pay liberal commissions and furnish outfits free. Write or see me at once for particulars and choice territory. C. H. Fowler Sr., Manager of Branch Office L, Box 62, Fishkill, N. Y., Dep. A.

WANTED—Young man would like a position as rose grower; can give good reference. Address No. **94**, care Florists' Review, Chicogo.

FOR SALE—An elegant greenhouse plant, up-to-date and modern in every way; 20 lots, 40 000 feet of glass; fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. **93**, care Florists' Review, Chicago.

FOR SALE—A small floral business and comfortable home, with ¾-acre lot, well stocked with fruit and decorative plants; a rare chance for party needing our mild climate. Inquire P. O. Box "B," Rockledge, Fla.

FOR SALE—Or rent, a greenhouse plant, on easy terms to the right man, consisting of about 12000 feet of glass, with material on the ground for an addition of 4 000 feet; last years' business $1700; this years' business, about $2000. Address No. **92**, care Florists' Review, Chicago.

FOR SALE—Seven acres of land at Park Ridge, Ill.; fine soil and well adapted for greenhouse purposes. Terms easy. Address A. L. Randall, 19 Randolph St., Chicago.

BUSINESS OPPORTUNITY!
WANTED—A practical florist with about $2,000 to buy interest of partner retiring into other business. Retail; city of 60 000, within 30 miles of Philadelphia. An excellent opportunity and a square deal. Address T. R. WILSON,
418 Arcade Bldg., Philadelphia, Pa.

SAMUEL S. PENNOCK,
Beauties and Liberties
The Wholesale Florist of Philadelphia
Mention The Review when you write.

The Cleveland Cut Flower Company,
WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.
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Mention The Review when you write.

Headquarters for SEASONABLE NOVELTIES AND FANCY STOCK
PITTSBURG'S LARGEST AND OLDEST WHOLESALERS.
PITTSBURG CUT FLOWER CO. (Limited) 504 Liberty Ave. Pittsburg, Pa.
WANTED—CONSIGNMENTS OF HIGH GRADE CARNATIONS.
Mention The Review when you write.

PITTSBURG.

The Market.

Christmas over, we find all comparing notes and all report being well satisfied. Most of the stores say it was the best Christmas for several years. This was especially true in the plant line, which is increasing with each succeeding year. Some say they sold more plants for Christmas than they did at Easter. The "green goods" men are not quite so well satisfied; many loads of trees were hauled to the river and toward the last of the week the commission men sold the grocers and fakirs trees as cheap as $1 a dozen and holly 65 cents per case. This of course affected the florists; in fact, the stores now handle only what holly they need for fine wreaths and special orders for selected stock, for which they can get a good price.

Wholesale prices ran about as follows, fancy stock being scarce: American Beauties, $15 to $100; Maids and Brides, $6 to $25; Liberties, $10 to $40; carnations, $3 to $12; violets, $2 to $3; no advance on other stock.

Roman hyacinths were a glut, but as that was about the only thing there cannot be much complaint.

The street boys found someone loaded with carnations, as Saturday night they were offering them at two for a nickle, very fair stock, and Bill O'Brien, the only Irish flower fakir we have, had violets to sell at purchaser's own price. There were still too many white and not enough red carnations for Christmas.

Various Notes.

Florists' Club meets Tuesday, January 3, for nomination of officers and to discuss the plants handled for the holidays.

There was considerable trouble with the express companies, as goods were not coming in as they should, especially stock out of New York.

Randolph & McClements report trade as the best. They kept their six wagons and big van busy delivering.

A. W. Smith says there was nothing like it; cleaned up nicely without much of the usual labor and worry.

Mrs. E. A. Williams is satisfied; it was good enough for her, but she is still too busy to talk.


1905 Headquarters for
ORCHIDS
AND
Fancy Cut Flowers
A SPECIALTY.
If you want Choice Cut Flowers at any time or all the time, send to
CHARLES W. McKELLAR
51 Wabash Avenue, CHICAGO.
Western Headquarters for Choice
ORCHIDS, FANCY VALLEY, VIOLETS, BEAUTIES, TEA ROSES, CARNATIONS. Wild Smilax, Asparagus, Adiantum, Smilax, Fancy Ferns always in abundance. Also a complete line of all Florists' Supplies, Novelties and Wire Work.
L. D. Phone Central 3598. Automatic 3823.

T. M. Ulam is working yet and doesn't know where the business all comes from.

L. I. Neff says they had pans and pots of plants for the millions and they got them. He has four stores and all did well.

Geddis & Blind Bros. say this is their second year they were more than satisfied. Their south side store exceeded all expectations.

Breitenstein & Flemm cleaned out everything in the line of plants and fancy goods and say the flower business was better than ever.

Ernst Zieger, manager for C. T. Siebert's Liberty Market stand, says trade was very good, but he is still too tired to find out how good.

E. C. Ludwig had about thirty men and boys and kept them all on the jump.

G. & J. W. Ludwig are all smiles and still wishing everyone a merry Christmas.

R. Faulk & Son say they got all that was coming to them.

The wholesalers seem to be well satisfied. The Pittsburg Cut Flower Co., which is the oldest, say it was the best in their experience, that although they sold some stock cheap they cleaned up well and will average up all right. J. B. Murdoch, our new wholesale house, handled quantities of carnations and violets. Ed McCallum, of the Florists' Exchange, reported good business.

And we all got rain, and we needed it.

Hoo-Hoo.

NYACK, N. Y.—R. C. Pye has secured control of E. Dolby's bright pink carnation, Senator Crane, and will put it on the market this season.

PEORIA, ILL.—J. C. Murray has been confined to his home for the past fifteen months but is much improved and hopes to be strong enough soon to resume business.

GRUNDY CENTER, IA.—Theodore Souers is shipping his carnations to the Chicago wholesale market, realizing more money there than he can get for them at home.

Philadelphia Cut Flower Co.

R. C. HAYDEN, Secretary and Treasurer. WM. J. MUTH, Manager.

Wholesale Commission Florists

WE DAILY RECEIVE AND SHIP ALL THE

LEADING... VARIETIES of **ROSES, CARNATIONS** And Other... Seasonable Flowers

1516-1518 Sansom St., Bell & Keystone Phones Open 7:30 a.m. to 8 p.m. **PHILADELPHIA, PA.**

Mention The Review when you write.

BERGER BROTHERS, Choice Valley, Roses, Carnations.

1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. PHILADELPHIA.

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Eugene Bernheimer Carnations, Ferns and Galax Leaves.

WHOLESALE FLORIST
11 SOUTH 16TH STREET, Philadelphia, Pa.

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PRIZE VALLEY

Bruns' extra fine Berlin Pips for early forcing, always give satisfaction. This year's stock is better than we ever had it. **$1.25 per 100; $12.00 per 1000; $29.00, case of 2500.**

Cold Storage Valley

$15 per 1000; $1.75 per 100. Finest cut Valley for the Holidays.

H. N. Bruns Leading Valley Grower of the West.

1409-1411 West Madison St., CHICAGO.

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Wholesale Cut Flowers Florists' Supplies

C. C. Pollworth Co.

MILWAUKEE, WIS.

ROSES High Grade cut blooms at all times

HELLER BROS., NEW CASTLE, IND.

SOUTH PARK FLORAL CO.

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HARRIS H. HAYDEN (late manager of the Nepera Chemical Company).....President.
EDWARD McK. WHITING, Vice-Pres. and Counsel.
JOHN E. WALKER (Member of the New York Bar),.....Secretary and Treasurer.

56 Pine St., Wallace Bldg., Rooms 601-603 NEW YORK CITY

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Wholesale Cut Flower Prices.

Philadelphia, Dec. 28.

		Per doz.
Beauties, Specials		$12.00
" Extra	$7.50 to	9.00
" Medium	4.00 to	6.00
" Short	1.50 to	3.00
		Per 100
Bride and Bridesmaid, Fancy	12.00 to	15.00
" " Ordinary	4.00 to	8.00
Liberty, Fancy	3.00 to	4.00
" Select	12.50 to	20.00
" Ordinary	6.00 to	8.00
Ideal	4.00 to	12.00
Perle	3.00 to	8.00
Sunrise	4.00 to	10.00
Meteor	4.00 to	15.00
Queen of Edgely, Medium	4.00 to	5.00
" " Shorts	1.50 to	3.00
Carnations, Enchantress	8.00 to	10.00
" Prosperity	8.00 to	10.00
" Select	4.00 to	6.00
" Ordinary	2.00 to	3.00
Orchids, Cattleyas	60.00 to	75.00
" Dendrobium Formosum		40.00
" Oncidiums	5.00 to	10.00
" Cypripedium		15.00
Adiantum Cuneatum		1.00
" Croweanum		1.50
" Farleyense		10.00
Asparagus Plumosus, Strings		50.00
" Sprays, per bunch		.50
" Sprengeri, per bunch	.50 to	.75
Bouvardias	3.00 to	5.00
Callas ..... per doz.	1.50 to	2.00
Daisies, White or Yellow	1.50 to	2.00
Lilium Harrisii ..... per doz.		2.00
Mignonette, Fancy	3.00 to	4.00
" Ordinary	1.50 to	2.00
Pansies ..... per bunch		.50
Poinsettias	12.50 to	25.00
Paper Whites	2.00 to	3.00
Romans	1.50 to	3.00
Smilax	12.50 to	15.00
Sweet Peas	.50 to	1.00
Stevia		1.00
Gardenias		.75
Valley, Fancy	4.00 to	5.00
" Ordinary	2.00 to	3.00
Violets, Double	1.00 to	1.50
" Single	.50 to	.75

ENCLOSED find check to cover bill. Had very good success; sold out everything advertised. You have the best advertising medium and all-around florists' paper in circulation.—GEO. MILNE, Winchester, Mass.

JOSEPH HEACOCK

WYNCOTE, PA.

Grower of

Kentia Belmoreana and Kentia Forsteriana

EDWARD REID,

WHOLESALE FLORIST.

Everything Seasonable in **Cut Flowers**

1526 Ranstead St., PHILADELPHIA.

Store closes at 8:00 p. m. Long Distance Phone.

Mention The Review when you write.

WILLIAM J. BAKER,

WHOLESALE FLORIST,

Choice Carnations In quantity

1432 South Penn Square, Philadelphia.

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FRED EHRET, Wholesale Florist

Center for

Brides, Maids, Beauties and Carnations.

1403-5 Fairmount Ave., PHILADELPHIA.

Established 1890.

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Michigan Cut Flower Exchange.

WM. DILGER, MANAGER.

All Ferns, Fancy and Dagger

$1.50 Per 1000.

38-40 Miami Avenue, Detroit, Mich.

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HOLTON & UNKEL CO.

WHOLESALE FLORISTS,

MILWAUKEE, -- WIS.

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CHAS. D. BALL,

GROWER ....OF **Palms, Etc.**

Send for Price List.

HOLMESBURG, PHILADELPHIA, PA.

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BOSTON FERNS!

Stocky plants with short fronds, 6-inch pots, 50c each; $6.00 per dozen. Good value.

JOHN WELSH YOUNG

Upsal Station, Penna. R. R.

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Charles Millang, 50 W. 29th St. New York

We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
Tel. 3860, 3861 Madison Square.

Moore, Hentz & Nash
Wholesale Florists.
55-57 W. 26th St.
NEW YORK CITY.
SHIPPING ON COMMISSION.
Telephone 756 Madison Square

VALLEY, FARLEYENSE, CARNATIONS Shipped at New York Prices
ALFRED H. LANGJAHR,
55 West 28th Street, NEW YORK.
CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
Telephone 3924 Madison Sq.
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JAMES McMANUS, Telephone, 759 Madison Square. 50 W. 30th St., NEW YORK
Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND.
ORCHIDS A SPECIALTY.
HEADQUARTERS FOR NOVELTIES

W. GHORMLEY,

The Largest Commission House in America for Roses, Violets and all other varieties of Cut Flowers.
WHOLESALE COMMISSION
57 WEST 28TH ST., NEW YORK
'PHONE 2200 MADISON SQ., which ring, connects you with all our TELEPHONES.

MY LARGE SHIPPING TRADE ENABLES ME TO COMMAND THE HIGHEST PRICES.

Special arrangements this season for the extensive handling of American Beauties

Mention The Review when you write.

WALTER F. SHERIDAN,
Wholesale Commission Dealer in
CUT FLOWERS
39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality American Beauties and all other varieties of Roses.
Telephone 902 Madison Square. Carnations.
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BONNOT BROS.
WHOLESALE FLORISTS,
55 and 57 W. 26th St., Cut Flower Exchange, NEW YORK
OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS.
Telephone No. 2438 Madison Sq.
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ESTABLISHED 1872.
JOHN J. PERKINS
WHOLESALE AND COMMISSION FLORIST,
115 West 30th St., NEW YORK
Tel. No. 956 Madison Square.
WANTED. A few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.
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ALEX. J. GUTTMAN,
Wholesale Florist,
All varieties of Cut Flowers in season at right prices and of the best quality.
CORRESPONDENCE SUGGESTED.
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Telephone 1664-1665 Madison Sq.
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FRANK MILLANG,
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Coogan Building, 55-57 West 26th St. NEW YORK CITY
Phone 299 Madison Square.
Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.
Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

New York, Dec. 26.

		Per 100
Beauties,	Specials	$35.00 to $75.00
"	Extra	20.00 to 35.00
"	No. 1	10.00 to 15.00
"	Shorts	3.00 to 10.00
Brides and Maids,	Specials	10.00 to 15.00
" "	Extra	6.00 to 8.00
" "	No. 1	3.00 to 6.00
" "	No. 2	1.00 to 3.00
Golden Gate		5.00 to 15.00
Liberty		3.00 to 25.00
Mme. Chatenay		5.00 to 15.00
Meteor		3.00 to 10.00
Orchids, Cattleyas		75.00 to 100.00
Cypripediums		10.00 to 15.00
Carnations,	Common	1.00 to 2.00
"	Selects	2.00 to 4.00
"	Fancies	4.00 to 6.00
"	Novelties	6.00 to 10.00
Adiantum Cuneatum		.50 to .75
"	Croweanum	1.50
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri		15.00
Lilies		10.00 to 15.00
Lily of the Valley		2.00 to 4.00
Smilax		10.00 to 12.00
Violets		.50 to 1.00
"	Specials	1.00 to 1.50
Narcissi, Romans		1.00 to 2.00
Callas		8.00 to 12.00
Daisies		.50 to 1.00
Pansies	doz. bunches	.25 to .50

A. L. YOUNG & CO.,
WHOLESALE FLORISTS,
Receivers and Shippers of Cut Flowers. Consignments Solicited.
Tel. 3559 Madison Sq. 54 W. 28th St., New York.

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TRAENDLY & SCHENCK,
Wholesale Florists
AND CUT FLOWER EXCHANGE,
44 W. 28th St., NEW YORK.
Telephones 798 and 799 Madison Square. CONSIGNMENTS SOLICITED

FORD BROS.
111 W. 30th Street, NEW YORK.
Telephone 3870—3871 Madison Square.
The LARGEST SHIPPERS and RECEIVERS OF **Fresh Cut Flowers**
☞ A complete assortment of the best in the market can always be relied upon.

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WILLIAM H. GUNTHER
30 West 29th Street,
Phone 551 Madison Square, **NEW YORK.**
Violets, Roses, Carnations, Orchids.
Established 1888.
GROWERS—Important—Special advantages for you this season. Write or see us.
Mention The Review when you write.

Geo. Saltford
WHOLESALE FLORIST,
46 West 29th Street, NEW YORK CITY
Telephone No. 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED
VIOLETS our specialty.
Mention The Review when you write.

TEL. 756-MADISON.
NEW YORK CUT FLOWER CO.
GENERAL MANAGER
JOSEPH A. MILLANG 55-57 W. 26TH ST.
Mention The Review when you write.

JAMES A. HAMMOND,
Wholesale Commission Florist,
113 W. 30th St., NEW YORK CITY
Tel. 854 Madison Sq.,
Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.
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JOSEPH S. FENRICH
Wholesale Florist,
48 West 30th Street,
Phone 825 Madison Square **NEW YORK CITY**
Orchids, Roses, Carnations, Violets and Every Variety of Cut Flowers.
"THE RELIABLE HOUSE"
Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Open every day at 6 a. m.

J. K. ALLEN

Telephone 167 Madison Square.

Wholesale Commission Florist, 106 West 28th St., NEW YORK CITY.

American Beauties—Orchids—Roses—Carnations—Violets

AND EVERY VARIETY OF CUT FLOWERS

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HINODE FLORIST CO.,

Importers and Growers of High-Grade JAPAN LONGIFLORUM LILIES,

Woodside, Long Island, N. Y.

Hinode Florist Co.,

A large range of new greenhouses is being erected at Whitestone for lily forcing. Plants and flowers supplied in any quantity throughout the season. Our stock is of the best type, well grown, and **holds the record** as the finest handled by the florists of New York City last Easter.

Whitestone, N. Y.

Quaint and curious Japanese plants on hand for shipment all the year around. Telephone Connection.

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Wholesale and Retail Dealers in all kinds of



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FANCY and DAGGER FERNS.

GALAX—Brown and Green.

45 West 29th St., NEW YORK CITY.

LEUCOTHOE SPRAYS, PRINCESS PINE, HOLLY, SOUTHERN WILD SMILAX.

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Tel. No. 1214 Madison Square

Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street & 34th Street Cut Flower Market.



SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine and all kinds of Evergreens.

Green and Bronze Galax Leaves,

75c. per 1000.

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SOUTHERN SMILAX

Choice stock, full weight, 50-lb. case, $6.00; 25-lb. case, $3.25.

Galax—Brilliant bronze or green, selected, $1.00 per 1000; $3.75 per 5000.

Leucothoe Sprays—Green or bronze, 90c per 100; $7.50 per 1000.

Sphagnum Moss—Large bale, $1.75; by freight, $2.00. **Green Sheet Moss**—Per bbl. sack, $2.50.

All Kinds of Florists' Supplies.

L. J. KRESHOVER, 112 W. 27th Street,
Tel. 597 Madison Square. NEW YORK.

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Galax, Green or Bronze

Now Ready for Shipment.

SELECT STOCK.

Also Fine Lot LEUCOTHOE SPRAYS

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WILLIAM H. KUEBLER

Wholesale Commission dealer in Cut Flowers.
19 Boerum Place, Tel. 4591 Main, Brooklyn, N. Y.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Boston, Dec. 27.

	Per 100	
Beauties, Specials	$75.00 to	$100.00
" Extra	40.00 to	60.00
" Short Stems	15.00 to	25.00
Brides, Specials	8.00 to	16.00
" Seconds	5.00 to	7.00
Bridesmaids, Specials	10.00 to	16.00
" Seconds	4.00 to	6.00
Liberty	10.00 to	35.00
Meteor	15.00 to	30.00
Carnot	8.00 to	12.00
Chatenay	8.00 to	16.00
Cattleyas	50.00 to	60.00
Cypripediums		12.50
Carnations, Specials	5.00 to	6.00
" Select	3.00 to	4.00
" Ordinary	2.00 to	2.50
Violets, single	1.50 to	2.00
" double	1.25 to	1.50
Lily of the Valley	4.00 to	5.00
Narcissi	2.00 to	2.50
Mignonette	4.00 to	10.00
Bouvardia, bunch		.50
Stevia	1.00 to	1.50
Asparagus Plumosus, Strings	40.00 to	50.00
" " Sprays, bunch		.50
" Sprengeri, bunch	.35 to	.50
Smilax	8.00 to	12.50
Adiantum	.75 to	1.00
Poinsettias	25.00 to	50.00
Roman Hyacinths	2.00 to	3.00
Callas		12.50
Lilium Harrisii	12.50 to	15.00
Sweet Peas	1.50 to	2.00

Peter Reinberg

51 Wabash Ave., CHICAGO.

WHOLESALE

Cut Flowers.

LARGEST GROWER IN THE WORLD.....

A Million Feet of Modern Glass.

Current Price List.

AMERICAN BEAUTIES—	Per doz.
Extra select	$8.00
30-inch stems	6.00
24-inch stems	5.00
20-inch stems	4.00
15-inch stems	3.00
12-inch stems	2.00
Short stems	$6.00 to $12.00 per 100.

	Per 100	
LIBERTY	$4.00 to	$15.00
CHATENAY	8.00 to	12.00
" seconds	4.00 to	6.00
MAIDS AND BRIDES	8.00 to	12.00
" " " seconds.	4.00 to	6.00
PERLE	4.00 to	8.00
UNCLE JOHN	8.00 to	12.00
" " seconds	4.00 to	6.00
SUNRISE	4.00 to	10.00
CARNATIONS	4.00 to	5.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00

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42 West 28th Street, NEW YORK.

Telephones, 2065-2066 Madison Sq.

ORCHIDS, GARDENIAS, VIOLETS ROSES, CARNATIONS

and a large assortment of other Flowers, according to season.

TO BUYERS—Send us your orders. We will ship you Flowers, none better. Not cheap ones, but best in New York. Give us a trial and you will not be disappointed.

Mention The Review when you write.

1871 **James Hart** 1904

(The Original Pioneer House)

Commission Dealer in **CUT FLOWERS**

117 West 30th St., near Sixth Ave..

Telephone 626 Madison Square. NEW YORK

EVERYTHING IN CUT FLOWERS FROM THE BEST GROWERS.

Mention The Review when you write.

H. W. CRAWBUCK. E. W. WILES.

Crawbuck & Wiles

Wholesale Dealers in

Florists' Evergreens, Holly, Galax, Princess Pine, Fancy and Dagger Ferns

Perfect shipping facilities for out of town orders.

370 Pearl Street

BROOKLYN, N. Y.

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THE KERVAN COMPANY

WHOLESALE DEALERS

All Decorating Evergreens, Galax, Leucothoe, Mosses, &c.

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Telephone 1519 Madison Sq.

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For SOUTHERN WILD SMILAX

(Where Quality is First Consideration.)
Write, Wire or Phone the Introducers.
CALDWELL THE WOODSMAN CO.,
EVERGREEN, ALA.

☞ **NEW CROP** Southern Wild Smilax now ready in limited quantities.

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Always Mention the....

Florists' Review

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Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

WHOLESALE GROWERS OF AND DEALERS IN **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

VAUGHAN & SPERRY

Wholesale Florists,

58-60 Wabash Ave., **CHICAGO.**

Write for special prices.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Dec. 28.

	Per doz.
Beauties, Long stems	$8.00
" 30-inch "	6.00
" 24-inch "	5.00
" 20-inch "	4.00
" 15-inch "	3.00
" 12-inch "	2.00
Shorts	$1.00 to 1.50
	Per 100
Bridesmaids, Specials	$10.00 to $12.00
" Firsts	6.00 to 8.00
Brides, Specials	10.00 to 12.00
" Firsts	6.00 to 8.00
Liberty, Specials	12.00 to 20.00
" Firsts	6.00 to 10.00
Golden Gate, Firsts	10.00 to 12.00
" Seconds	6.00 to 8.00
Meteor, Firsts	10.00 to 12.00
" Seconds	6.00 to 8.00
Ivory, Firsts	10.00 to 12.00
" Seconds	6.00 to 8.00
Perles, Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Chatenay	6.00 to 15.00
Carnations, Select	4.00 to 5.00
" Fancy	6.00 to 8.00
Violets	1.00 to 2.00
Callas	18.00 to 20.00
Paper Whites	3.00 to 4.00
Stevia, per bunch	.25 to .50
Asparagus, Strings	35.00 to 50.00
" Sprays, per bunch	.25 to .35
Sprengeri	.25 to .35
Ferns, per 1,000, $2.00	.25
Adiantum Cuneatum	.75 to 1.00
" Croweanum	1.50
Smilax, per doz.	1.50 to 2.00

Poehlmann Bros. Co.

Wholesale Growers of and Dealers in **Cut Flowers.**

All telegragh and Telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.

35-37 Randolph Street, CHICAGO, ILL.

D. WOOD BRANT

SUCCESSOR TO

BRANT & NOE FLORAL COMPANY,

58-60 Wabash Ave., **CHICAGO.**

Very Choice American Beauties.

Wholesale Grower of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.

A. L. RANDALL CO.

Wholesale Florist

19 and 21 RANDOLPH ST., **CHICAGO.**

Write for special quotations on large orders.

Mention The Review when you write.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. **CHICAGO.**

Beauties, Roses, Carnations, Lilies and Cut Flowers Of All Kinds

Michigan Violets

A SPECIALTY.

Grand Rapids Florists' Ass'n

60 WABASH AVE. CHICAGO.

Mention The Review when you write.

M. WINANDY

Out-of-town orders by mail or wire given PROMPT ATTENTION.

51 Wabash Ave., Room 218, Chicago.

Wholesale Grower of Cut Flowers

PERCY JONES

Wholesale Cut Flowers

Flower Growers' Market,

60 Wabash Ave., **CHICAGO.**

STANDING ORDERS SOLICITED.

SINNER BROS.

Wholesale Growers and Shippers of **CUT FLOWERS**

58-60 WABASH AVE., CHICAGO, ILL.

With the Flower Growers' Co. Telephone—Central 3067.

All telephone and telegraph orders given prompt attention.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and Carnations A Specialty.....

WHOLESALE GROWER of **CUT FLOWERS**

Mention The Review when you write.

WIETOR BROS.

Wholesale Growers of **Cut Flowers**

All telegraph and telephone orders given prompt attention.

51 Wabash Ave., CHICAGO.

Mention The Review when you write.

GEORGE REINBERG,

51 Wabash Ave., Chicago,

WHOLESALE DEALER IN AND .....GROWER OF **CUT FLOWERS**

Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.

Mention The Review when you write.

WEILAND & RISCH

WHOLESALE GROWERS AND SHIPPERS OF

59 WABASH AVE. **CUT FLOWERS** CHICAGO

Mention The Review when you write.

Flower Growers' Market

58-60 WABASH AVE., CHICAGO

The Place to Sell Your Stock

SEE PERCY JONES, Manager.

Mention The Review when you write.

THE BENTHEY-COATSWORTH CO.

35 RANDOLPH ST. **WHOLESALE FLORISTS** CHICAGO.

The Philadelphia Wholesale Flower Market.

GARDENIAS, CATTLEYAS, VIOLETS, VALLEY.

1235-37 FILBERT STREET, - PHILADELPHIA, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Dec. 28

		Per doz.
Beauties,	Specials	$8.00 to $10.00
"	Extra	4.00 to 6.00
"	No. 1	2.00 to 3.00
"	Shorts	1.00 to 1.50
		Per 100
Brides and Maids,	Specials	$8.00 to $10.00
" "	Extra	5.00 to 6.00
" "	No. 1	3.00 to 4.00
Carnot		8.00 to 10.00
Golden Gate		6.00 to 8.00
Kaiserin		6.00 to 8.00
Liberty		8.00 to 10.00
Meteor		6.00 to 8.00
Carnations,	Common	2.00 to 3.00
"	Select	4.00 to 5.00
"	Fancies	5.00 to 6.00
Adiantum		1.00 to 1.25
Asparagus Plumosus,	Strings	25.00 to 35.00
" "	Sprays	1.00 to 1.50
"	Sprengeri "	1.00 to 1.50
Lily of the Valley		3.00 to 4.00
Smilax		12.50 to 15.00
Violets,	single	1.50 to 2.00
"	double	2.00 to 2.50
Paper Whites		3.00 to 4.00
Romans		3.00 to 4.00
Callas		12.00 to 15.00
Harrisii		12.00 to 15.00

Cleveland, Dec. 28.

		Per Doz.	
Beauties,	Specials		$6.00
"	Extra	$4.00 to	8.00
"	No. 1	3.00 to	5.00
"	Shorts	1.00 to	3.50
			Per 100
Bride and Bridesmaid.		$8.00 to	$15.00
Meteors		8.00 to	15.00
Carnations		4.00 to	6.00
Adiantum Cuneatum			1.00
Asparagus Plumosus,	Strings	25.00 to	50.00
" "	Sprays	1.00 to	3.00
"	Sprengeri "	2.00 to	4.00
Violets		1.00 to	2.00
Smilax		12.50 to	15.00
Paper Whites			4.00

HEADQUARTERS FOR "SUPERIOR QUALITY" BRAND

Wild Smilax

Always on Hand and in any Quantity

NONE BETTER.

E. F. WINTERSON CO.,

45-47-49 Wabash Avenue,

CHICAGO.

Mention The Review when you write.

PITTSBURG FLORISTS' EXCHANGE

Wholesale Florists and Florists' Supplies.

228 Diamond St., PITTSBURG, PA.

Shipping Given Special Attention.

Mention The Review when you write.

Galax, Ferns, Leucothoe.

GALAX New crop Bronze and Green, small, 75c per 1000; medium, 90c per 1000: extra large, $1.00 per 1000.

LEUCOTHOE SPRAYS 75c per 100; $6.50 per 1000.

HARDY CUT FERNS Specially fine, $2.00 per 1000.

Special price on large quantities.

CUT FLOWER CONSIGNMENTS SOLICITED.

C. E. CRITCHELL,

Wholesale Commission Florist,

36 East 3rd St. CINCINNATI, O.

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WM. MURPHY

Wholesale Commission Dealer in Cut Flowers

Consignments Solicited.

128 E. Third St., CINCINNATI, OHIO.

Long Distance Phones { M-980. West 1191-R.

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LOUIS H. KYRK

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Phones, Main 3063. Main 2486-L.

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Receiver and Shipper of Cut Flowers.

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Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

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WHOLESALE FLORIST,

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ST. LOUIS, MO.

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C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

1122 PINE STREET, ST. LOUIS, MO.

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Wholesale Cut Flower Prices.

Buffalo, Dec. 28.

		Per 100
Beauties,	Specials	$75.00 to $100.00
"	Extra	50.00 to 60.00
"	Shorts	20.00 to 35.00
Brides and Maids,	Extra	15.00 to 20.00
" "	No. 1	10.00 to 12.00
" "	No. 2	6.00 to 8.00
Carnot		8.00 to 20.00
Golden Gate		5.00 to 15.00
Kaiserin		8.00 to 15.00
Liberty		12.00 to 25.00
Meteor		6.00 to 20.00
Mrs. Morgan		2.00 to 4.00
Perle		4.00 to 8.00
Sunrise		4.00 to 10.00
Carnations		4.00 to 8.00
Adiantum Cuneatum		.50 to 1.00
"	Croweanum	1.50
"	Farleyense	10.00 to 12.00
Asparagus Plumosus,	Strings	40.00 to 60.00
"	Sprays	1.00 to 2.00
"	Sprengeri "	1.00 to 3.00
Lilium Harrisii		15.00 to 20.00
Lily of the Valley		3.00 to 5.00
Smilax		15.00
Galax		.10 to .15
Common Ferns		.15 to .20
Violets		1.50 to 2.50

Pittsburg, Dec. 28.

		Per 100
Beauties,	Specials	$60.00 to $75.00
"	Extra	30.00 to 40.00
"	No. 1	15.00 to 25.00
"	Shorts	6.00 to 10.00
Brides and Maids		4.00 to 15.00
Cusin		4.00 to 6.00
Kaiserin		4.00 to 15.00
Liberty		4.00 to 20.00
Mme. Chatenay		4.00 to 12.00
Carnations		2.00 to 6.00
Adiantum Cuneatum		1.00 to 1.50
Asparagus Plumosus,	Strings	25.00 to 50.00
" "	Sprays	1.00 to 2.00
"	Sprengeri "	1.00 to 3.00
Lily of the Valley		4.00 to 5.00
Violets		.50 to 2.50
Smilax		12.50 to 15.00
Lilies		20.00 to 25.00
Paper Whites, Romans		3.00 to 4.00
Stevia		1.50 to 2.00
Tulips		5.00
Mignonette		4.00 to 8.00
Daisies		2.00

D. RUSCONI

Importer of Bulbs, Plants and Shrubbery.

——Has a full line of——

Lil. Auratum, Rhododendrons,
Lil. Roseum, Azalea Mollis,
Lil. Rubrum, Roses, home grown and imp't'd.
Lil. Album, Tulips and Von Sion Narcissus

——Write for Prices.——

32 W. 6TH STREET, CINCINNATI, OHIO

PETER WEILAND,

Wholesale Grower of

Cut Flowers

Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.

128 East 3rd St., CINCINNATI, OHIO.

All stock sold at the PREVAILING MARKET PRICE.

Mention The Review when you write.

FRANK M. ELLIS

Wholesale Florist

Finest Stock of Everything in the market.

Extra fine California Violets

Novelties and Supplies of all Kinds.

1316 Pine Street

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Long Distance Telephone MAIN 2018-M.

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"DAMPING-OFF."

Although the nature of plant diseases and the methods of combatting them have been frequently brought before gardeners, it is to be feared that comparatively few individuals have practically applied this knowledge. This indifference is no doubt to a large extent due to their seldom experiencing a serious epidemic. Another reason for it is that the books dealing with plant diseases are not well known, while most are written in scientific language, that is not easily understood by the laity. There are few gardeners whose plants have not at some time or other suffered from fungus diseases, but as long as the consequences have not been serious they have escaped attention, or been ascribed to accidental causes.

One of the most frequent diseases occurs in seedling plants of almost any kind. The young plants, when still in the seed-bed, blacken, decay and die off in patches. The disease spreads rapidly from bed to bed, but is often confined to one frame or to one house. This is caused by a parasitic fungus named Pythium Debaryanum, Hesse, the minute spores of which are carried about in the air, and are caught by the damp surface of the seedling stem. There they germinate, pushing a fine tube through the soft and tender skin of the stem. This tube quickly branches, forming a mass of fine threads called "mycelium," or spawn, which penetrate the cells of the seedling, absorbing nutriment and causing death of the young plant. Numerous spores are then produced which quickly spread the disease. This is usually, though somewhat incorrectly, called "damping-off" (it might be more correctly called "black stem") of seedlings, and it is ascribed to an excess of water. Where the beds are kept for a time in a dry condition, the disease often wholly disappears, because the spores require moisture external to the seedlings to enable them to germinate. This disease is consequently favored by too thick sowing, which prevents light and air from freely reaching the soil. The disease is therefore rarely met with in a bed with "pricked-off" seedlings. — Gardeners' Chronicle.

CARNATION CUTTINGS

Well Rooted from Selected Stock.

	Per 100	Per 1000
NELSON FISHER	$7.00	$60.00
MRS. M. A. PATTEN	6.00	50.00
FLAMINGO	6.00	50.00
CRUSADER	6.00	50.00
D. WHITNEY	5.00	40.00
ENCHANTRESS	4.00	30.00
H. FENN	3.00	25.00
MANLEY	3.00	25.00
FAIR MAID	2.50	20.00
QUEEN	3.00	25.00

BACKER & CO., Billerica, Mass.

..VIOLETS..

Write for the lowest price on Violets. We took 1st premium at the World's Fair, Chicago and Joliet Flower Shows. We can give the right price as we are growers.

ELI CROSS, Grand Rapids, Mich.

SIGMUND GELLER,

FLORISTS' SUPPLIES AND RIBBONS

108 W. 28th St., NEW YORK CITY.

—HEADQUARTERS FOR NOVELTIES—

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We We

ATTRACTIVE

RIBBONS

FOR FLORISTS' USES.

No flower store is complete without our line of ribbons for FUNERAL AND WEDDING designs.

A postal card will bring you samples and prices, and they are worth having.

The Pine Tree Silk Mills Co.

Philadelphia

OFFICE AND SALESROOMS:

806-808-810 Arch Street,
52 and 54 N. Eighth Street.

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Mention The Review when you write.

Buy now for Stock or growing on for Spring Sales.

250 at 1000 Rate, all from 2¼ or 2½-inch Pots.

Geraniums, including **Nutt, Ricard, B. Poitevine, Mme. Barney,** etc., strong stock, $25.00 per 1000. Our choice of varieties in assorted colors at $20.00 per 1000.

Coleus, 10 best market varieties, $2.50 per 100, $20.00 per 1000.

Ageratum, Stella Gurney and Princess Pauline, $2.50 per 100, $20.00 per 1000.

Heliotrope, dark purple and blue, named varieties, $3.00 per 100, $25.00 per 1000.

Hibiscus, Peachblow, grandest variety out, $3.00 per 100.

Primula Forbesi, $2.50 per 100, $20.00 per 1000.

Flowering Begonias, in variety, $3.00 per 100, $25.00 per 1000.

Dracaena Indivisa, $3.00 per 100, $25.00 per 1000.

Boston Ferns, well established, $30.00 per 1000.

Abutilon Eclipse, $3.00 per 100.

German Ivy, $2.50 per 100.

Manettia Bicolor, $2.50 per 100.

Cuphea Platycentra, $2.50 per 100.

Asparagus Plumosus, $3.00 per 100.

Asparagus Sprengeri, $2.50 per 100.

Kentia Belmoreana, clean stocky plants with several leaves, $5.00 per 100, $45.00 per 1000.

Send For Wholesale List

THE STORRS & HARRISON CO., - Painesville, Ohio.

Mention The Review when you write.

Fancy or Dagger Ferns



$1.00 per 1000. Galax, brilliant bronze or green, 75c per 1000; $6.50 per case 10,000. Laurel festooning, hand made, full sizes, 4c, 5c and 6c per yard, made fresh daily from the woods. **Send Us your orders at once and we** will please you. Branch Laurel, 35c per large bundle. Southern Wild Smilax, 50 lb. cases, $5.50 per case. Laurel wreaths and Princess pine wreaths made all sizes and prices. Princess pine by the pound and made into roping.

Tell us your wants and we will name you prices.

CROWL FERN CO., - - - MILLINGTON, MASS.

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ATTENTION !!! Florists

For WAX FLOWERS, BASKETS, WAX FLORAL DESIGNS, WHEAT SHEAVES, etc., send to

J. STERN & CO., 1928 Germantown Avenue, (Ask for our beautiful Catalogue.) **Philadelphia.**

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LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

LEIKENS

7 E. 33d St. Near Waldorf-Astoria New York City

Telephone No. 1417 Madison

NURSERIES, RUTHERFORD, N.J.

☞ Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

ORDERS FOR....

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A. GUDE & BRO.

1224 F Street, Northwest,

Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE, CLEVELAND, OHIO.

HAVE YOUR

RETAIL ORDERS

FILLED BY THE

GEO. WITTBOLD CO.

1657-59 Buckingham Place, CHICAGO.

Julius Baer,

116 E. Fourth Street.
Long Distance Phone 2478.

Cincinnati, Ohio

Orders for MINNESOTA or the Northwest will be properly executed by

AUG. S. SWANSON

ST. PAUL, MINN.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,

2319 AVENUE M. Galveston, Tex.

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Florists' Review

When Writing Advertisers.

M. A. Bowe

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IN THE HEART OF

New York City

TEL. 2270 38TH ST.

OUR MOTTO—"THE GOLDEN RULE."

FRED C. WEBER, FLORIST,

4326-28 Olive Street, St. Louis, Mo.

Established 1873.

Long Distance Phone Lindell 196 M.

Orders for Chicago and Vicinity

WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. 51 Monroe St., CHICAGO.

HUGH GRAHAM,

PHILADELPHIA,

104 S. Thirteenth St.

All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

Palmer's

BUFFALO, New York.

PRATT & GIGER,

FLORISTS AND DECORATORS

NEW LONDON, CONN.

J. J. BENEKE,

1216 Olive Street ST. LOUIS, MO.

WE SELL

BRONZE AND GREEN GALAX

Small 45c; medium 50c; large 55c per 1000. Terms, cash or satisfactory references. State how to ship; by freight or express.

J. E. HYLTON & CO., Ballard, Va.

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Alexander McConnell

546 Fifth Avenue
Cor. 45th St., N. W.

NEW YORK, CITY.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention . . . . . .

Telephone Calls: 340 and 341 38th Street.

Cable Address: ALEXCONNELL.

WESTERN UNION CODE.

David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,

New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

WILLIAM L. ROCK FLOWER CO.

KANSAS CITY, MO.

C. C. Pollworth Co.

WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in

WISCONSIN

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

Houghton & Clark

434 Boylston Street,

Boston, Mass.

WASHINGTON, D. C.

Orders Executed Artistically.

Blackistone,

Long Distance Phone 2180. COR. 14th and H STS.

S. B. Stewart,

119 No. 16th Street, OMAHA, NEB.

Always Mention the....

Florists' Review

When Writing Advertisers.

PACIFIC COAST.

Seattle, Wash.—The Brighton Seed and Floral Co. will open a store January 3 at 215 Occidental avenue. They will handle all kinds of seeds, plants, nursery stock, cut flowers and florists' supplies, doing both wholesale and retail business.

SAN FRANCISCO.

The Market.

We are still a few days in advance of Christmas and business up to date is fair. Tomorrow and Saturday will tell the tale as to whether this year is to be up to or above the average. The principal demand has been for green stuff and other material used in store and home decorations and the dealers who make a specialty of this class of stock have had little complaint. Red berries have been sold by the ton and huckleberry by the dray-load and the demand continues unabated.

We have had several slight frosts this week but not sufficient to curtail the flower supply. The price of carnations has been advanced somewhat, probably about twenty-five per cent this month, and roses in the same proportion. The best Beauties are selling wholesale today at $2.50 to $3 per dozen. Brides, Maids and Testouts bring from 50 cents to $1 per dozen. Valley is plentiful at $5 per hundred. Narcissi are a glut. A few daffodils have made their appearance. Poinsettias from Los Angeles are in evidence everywhere and make a good show.

Various Notes.

The Cox Seed Co. has handled a good many barrels of British Columbian holly this season. Each contains twenty-five pounds and it sells for $16.50 per barrel.

The Whittlesey Floral Gardens, of Los Angeles, have shipped a great many thousand outdoor poinsettias to the stores here during this week. The flowers arrive in splendid condition and cost the retailers about $10 per hundred.

A fatal shooting took place December 17 at the greenhouses of P. C. Meyer, at Burlingame. John Breen, employed as a gardener and brother of J. T. Breen, the foreman, shot John Olsen, also an employee, Breen claims to have shot Olsen by accident. There is a party named Mitchell with whom he had trouble earlier in the day and who threatened to return and "do him up" at night. Hearing a commotion outside of his house he discharged a revolver in the air, hitting Olsen.

G.

THE JAPANESE INVASION.

It is surprising how the Japanese are gradually gaining a foothold in the florist and nursery business in California. This fact is being viewed with considerable alarm by the growers, as it is evident that the Japs are in the trade to stay. The writer well remembers the first Japanese to engage in this line of trade, only a few years ago. He started in with a few chrysanthemum cuttings brought from Japan and in a few seasons had worked up a profitable business; in fact, he was the first to make the mum popular as a garden flower in this locality. In a few years he branched out into other lines of Japanese stock and then into carnation growing. His success was noted by some of his countrymen and now Japanese gardens and greenhouses are to be seen all over the neighboring country. One of the largest concerns California is owned by a company of Japanese and their equipment is second to none. They employ from fifty to seventy-five of their countrymen in various capacities and actually hire white men for the most responsible positions. They engage immigrants from their own country for a few dollars a month, who stay with them until they earn some money and get a slight smattering of English and the next thing they do is to rent a piece of land and erect a small greenhouse. They already handle, together with the Chinese, fully seven-eighths of the chrysanthemum crop, both outdoor and under glass, and they bid fair to cut a wide swath in carnation and rose growing, both of which they are now actively engaged in. Of course it is out of the question for a white man to compete with them, owing to their manner of living.

The Japanese are natural horticulturists and have been content thus far to concern themselves with the growing of flowers and plants, but should they in-

Rooted Carnation Cuttings

..NOW READY..

These low prices good only up to December 25.

	Per 100	Per 1000
WHITE:		
Queen Louise	$1.00	$10.00
Flora Hill	1.00	10.00
Alba	1.40	12.50
Gov. Wolcott	1 00	10.00
Norway	1.00	10.00
Lillian Pond	1.40	12.50
Chicot	1.20	10.00
PINK:		
Mrs. Thos. Lawson	1.40	12.50
Enchantress	3 50	30.00
Mrs. Joost	1.00	10.00
Success	1.00	10.00
Mermaid	1.00	10.00
Cressbrook	1.00	10.00
Pres. McKinley	1.40	12.50
Mrs. Theo. Roosevelt	1.40	12 50
SCARLET:		
G H. Crane	$1.00	$10.00
America	1.00	10.00

	Per 100	Per 1000
SCARLET:		
P. Palmer	$1.00	$10.00
Estelle	1.40	12.50
J. H. Manley	1.50	15 00
Apollo	1.50	15 00
CRIMSON:		
Harlowarden	1.40	12.50
Gov. Roosevelt	1.20	10.00
YELLOW:		
Golden Beauty	1.40	12.50
Eldorado	1.00	10.00
VARIEGATED:		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Stella	1.40	12.50
Armazindy	1.00	10.00
Viola Allen	1.20	11.00
Gaiety	1.20	11.00

Special prices on large lots. Unrooted pips at half price of above. 25 at 100 rate. 250 at 1000 rate. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

Loomis Floral Company, LOOMIS, CAL.

Mention The Review when you write.

200,000 ROOTED

Carnation Cuttings

NOW READY.

	Per 100	Per 1000
WHITE		
Queen Louise	$1.00	$10 00
Flora Hill	1.00	10.00
Gov. Wolcott	1.00	10.00
Alba	2.00	15.00
White Cloud	1.00	10.00
PINK		
Lawson	1.20	12.50
Marquis	1.00	10.00
Enchantress	3.50	30.00
Mrs. Joost	1.00	10.00
McKinley	1.40	12.50
Mermaid	1.00	10.00
Cressbrook	1.00	10.00

	Per 100	Per 1000
SCARLET		
Crane	$1.00	$10.00
America	1.00	10.00
Estelle	1.40	12.50
CRIMSON		
Harlowarden	1.40	12.50
YELLOW		
Eldorado	1.10	12.50
Golden Beauty	1.40	12.50
VARIEGATED		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Armazindy	1 00	10.00
Viola Allen	1.20	11.00

Unrooted Cuttings at one-half price of Rooted Cuttings.

Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

100,000 Pansy Plants at $10.00 a thousand.

Loomis Carnation Co.

Lock Box 115. **Loomis, Cal.**

Mention The Review when you write.

1,000,000 ROOTED CUTTINGS CARNATIONS NOW READY

Cuttings shipped promptly on receipt of order. From now on we pack to stand 30 degrees below zero.

	Per doz.	Per 100
FIANCEE, 1905, pink	$1.80	$12.00
CRISIS, 1905, scarlet	1.80	12.00
ROBERT CRAIG, 1905, scarlet	1.80	12.00
FRED BURKI, 1905, white	1.80	12.00
CARDINAL, 1905, red	1.80	12.00
GIBSON BEAUTY, 1905, scarlet	1.80	12.00
WM. PENN, 1905, pink	1.50	10.00
RED LAWSON, 1905, red	1.50	10.00
RED SPORT, 1905, red	1.50	10.00
RICHMOND GEM, 1905, scarlet	1.50	10.00
LADY BOUNTIFUL, 1904, white	1.00	6.00
THE BELL, 1904, white	$1.00	$6.00
FLAMINGO, 1904, scarlet	1.00	6.00
CRUSADER, 1904, scarlet	1.00	6.00
WHITE LAWSON, 1904 white	1.00	6.00
NELSON FISHER, 1904, variegated	1.00	6.00
INDIANAPOLIS, 1904, pink	1.00	6.00
M. A. PATTEN, 1904, pink	1.00	6.00
RELIANCE, 1904, white	1.00	6.00
THE PRESIDENT, 1904, crimson	1.00	6.00
JUDGE HINSDALE, 1904, white	1.00	6.00
THE BRIDE, 1904, white	1.00	6.00
ENCHANTRESS, shell, pink	.50	3.50

STANDARD LIST

	Per doz.	Per 100	Per 1000
QUEEN LOUISE, white	$.20	$1.00	$10.00
FLORA HILL, white	.20	1.00	10.00
ALBA, big white	.30	1.40	12.50
WOLCOTT, white	.20	1.00	10.00
NORWAY, white	.20	1.00	10.00
PROSPERITY, white	.25	1.40	12.50
LAWSON, pink	.25	1.40	12.50
MARQUIS, pink	.20	1.00	10.00
GENEVIEVE LORD, pink	.20	1.00	10.00
SUCCESS, pink	.20	1.00	10.00
ARGYLE, pink	.20	1.00	10.00
JOOST, pink	$.20	$1.00	$10.00
MERMAID, salmon pink	.20	1.00	10.00
CRESSBROOK, pink	.20	1.00	10.00
G. H. CRANE, best scarlet	.20	1.00	10.00
AMERICA, red	.20	1.00	10.00
MRS. P. PALMER, red	.20	1.00	10.00
HARLOWARDEN, crimson	.25	1.40	12.50
GEN. GOMEZ, crimson	.20	1.00	10.00
ELDORADO, yellow	.20	1.00	10.00
VIOLIANA, best variegated	1.00	5.50	50.00
MARSHALL FIELD, variegated	.25	1.40	12.50
ARMAZINDY, variegated	.20	1.00	10.00

ASPARAGUS PLUMOSUS NANUS, 3-inch, $3.00 per 100; $25.00 per 1000. **New Red Ghost Plant, Deutzia**, shrub for pots and lawn, 2-in., 50c each or will give 1 for a $5.00 order. The bell is 6 inches long by 5-in. dia., bright scarlet. 6 at 12 rate; 25 at 100 rate; 250 at 1000 rate. **Express prepaid at above prices.** Terms cash or C. O. D. Privilege of examining.

California Carnation Co., Loomis, Cal.

Mention The Review when you write.

terest themselves in retailing and store trade it is hard to tell what might happen. They already have several small stores in Alameda, Oakland and San Francisco, where they retail at about half the usual rates. They are bound to become a factor in the business in the near future, which fact is deservedly viewed with considerable alarm by growers and retailers alike. G.

BEARDSTOWN, ILL.—Frank Bros. say Christmas trade was very good, especially in ferns and flowering plants. Palms were not in favor.

OSKALOOSA, IA.—The Times-Journal of December 19 contained a three-column illustrated write-up of the Kemble Floral Co., giving it the front page.

IOLA, KAN.—Harmon & Henderson report their Christmas business as double last year's. Everything sold out clean but the carnation was the favorite flower.

ROCKVILLE, IND.—H. B. Brubeck is highly pleased with his first Christmas. Wm. H. Ross is his grower. They are getting a nice crop of mushrooms from beneath the carnation benches and look upon it as the next thing to finding money.

WM. ANDERSON, of Brownwood, Tex., sent the REVIEW a box of mistletoe sufficient for the entire force and all their friends for Christmas. And it was good mistletoe, too. Mr. Anderson said he sent it because he was "highly pleased with results from my advertisement in the REVIEW."

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at **$16** per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, **$10** per 100 and from 2½-inch pots 6 to 8 inches high, **$12.50** per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

Mention The Review when you write.

Primula Chinensis

5 colors, 2 and 3-inch, $2.00 to $3.00 per 100.

CYCLAMEN GIGANTEUM, Vaughan's Seed, 3-inch, fine plants, $7 per 100.
GERANIUMS R. C., $1 25 per 100.
HELIOTROPE, light and dark, R. C., $1 per 100.
PETUNIAS, R. C., single from California Giants, one of the finest collections in Cal. Flowers from 4 to 6 inches across. Double, from Dreer's and Henderson's sets, $1.25 per 100. Cash please.

FRED GROHE,

McDonald Avenue, SANTA ROSA, CAL.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

Big Stock.

ORANGE TREES

Write for Price List.

The Philippi Nurseries, Rocklin, Cal.

Philippi Bros., Props.

Mention The Review when you write.

Don't Wait

until you need cuttings. Order now; then you will have them when you want them.

Geraniums, Ivy Geraniums, Fuchsias, Double Petunias, Heliotrope and Bedding Plants in general, $6.00 per 1000.

Express prepaid on all orders received on or before December 15, 1904. Thirty varieties of **Carnation Cuttings.** Prices on application. Also **Dahlias, Cannas and Calla Bulbs.**

California Product Company,

Donohue Bldg., 8 Taylor St., SAN FRANCISCO CAL.

CARNATION ROOTED CUTTINGS NOW READY

	100	1000		100	1000
Queen Louise, fine white	$1.20	$10.00	Armazindy, barred	$1 00	$10.00
Alba, large white	1.40	12.00	Mrs. Joost, pink	1.20	10.00
America, red	1.00	10.00	Lawson, pink	1.40	12.50
Mrs P. Palmer, big scarlet	1.20	10.00	Pres. McKinley, pink	1 40	12.50
G. H. Crane, scarlet	1.20	10.00	Success, light pk.	1.20	10.00
Eldorado, yel.	1.20	10.00	Harlowarden, crimson	1.40	12.50
Marshall Field, barred	1.40	12.50	Gov. Roosevelt, crimson	1.40	12.50

Unrooted Cuttings one-half price. Terms—Cash with order or C.O D., with privilege of examining. Express prepaid at above prices. All plants warranted true to name and well rooted.

HERMITAGE CARNATION CO., Loomis, Cal.

Mention The Review when you write.

Asparagus Plumosus Nanus Seed.

In quantities to suit. $2 25 per 1000. February delivery. Early orders requested.

REES & COMPERE,

R. D. 1, LONG BEACH, CAL.

Mention The Review when you write.

PHOENIX FUNGUS.

I enclose a piece of a palm leaf and would like to know the nature of the disease with which it is infested, the cause and the remedy? R. F. G.

An examination of the specimen enclosed with this query shows quite plainly that the trouble in question is another case of the phœnix fungus, a fungoid development that has been noted several times in these columns.

There is no real specific for this fungus, from the fact that its growth takes place within the tissue of the leaf, and the wart-like protuberances that appear on the surface are due to the fungus pushing up its spore-bearing growths through an enlarged pore of the leaf.

The fungus seems to be encouraged by cool and damp treatment, and it is therefore thought best to keep the affected plants in a slightly higher temperature than usual, say 60 to 65 degrees, and not to syringe in cold and cloudy weather, also to ventilate as freely as the weather will allow. In other words, to encourage root action and general good health in order to grow the plant out of the disease as much as possible, though very bad cases seldom yield to treatment.

W. H. Taplin.

AMERICAN CARNATION SOCIETY.

The Eastern Passenger Association has granted the rate of one and one-third fare for the meeting in Chicago, January 25. This completes the chain from Maine to Denver, north to Canada and south to Texas, St. Louis and Kentucky, the whole of the carnation growing belt, and should give us the largest as well as the best meeting ever held by this society. For premium lists and information write the secretary. Albert M. Herr, Sec'y.

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.
CARNATIONS OUR SPECIALTY

Mention The Review when you write.

NEPHROLEPIS SCOTTII

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time. Prices—6-in. pot-grown, ready for 8-in., $15.00 per doz.; 7-in. pot-grown, $24.00 per doz.; 8-in. pot-grown, $36.00 per doz.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

Mention The Review when you write.

Write Geo. A. Kuhl
PEKIN, ILL.
For Price List of Rooted Cuttings and 2x2½-in. Roses in following varieties:

Brides, Maids, Golden Gate, Ivory, Meteors, Souv. de Wootton, Kaiserin Aug. Vic., Perle des Jardins, Belle Siebrecht, LaFrance, President Carnot, Gen. MacArthur, La Detroit, Am. Beauties.

Mention The Review when you write.

CYCLAMEN GIGANTEUM.

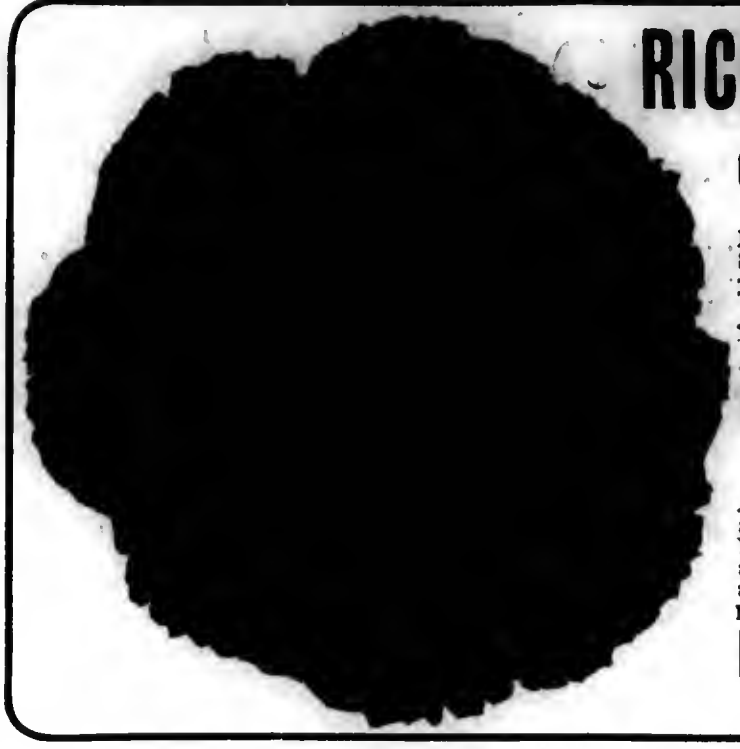
Large flowering plants, in bud, 3-in., $5.00 per 100.

Asparagus Plumosus Nanus, fine plants, 3-in., $3.00 per 100; 4-in., $7.00 per 100. Genistas, 3-in., $4.00 per 100.

Carnations, unrooted cuttings. Enchantress, $2.00 per 100; Lawson, $1.00 per 100; Crane, America and F. Hill, 75c per 100.

SAMUEL WHITTON, 15-17 Gray Ave. UTICA, N.Y.

Mention The Review when you write.



RICHMOND GEM
THE FINEST
COMMERCIAL SCARLET
Ever Introduced.
PLACE YOUR ORDERS EARLY.
SEND FOR CIRCULAR.
Per 100, $10; per 1000, $75.

WE MUST HAVE ROOM!
The following stock plants of
Mums For Sale
at a Bargain

Wm. Duckham, Dr. Enguehard, A. J. Balfour, Alice Byron, white and yellow Golden Chadwick, Yellow Eaton, Appleton, Omega and Marion Newell, large clumps and in good health. Write for prices.

B. K. & B. FLORAL CO.
RICHMOND, IND.

Mention The Review when you write.

Palmer's
Red Lawson
NOW READY!

SPORT FROM THE FAMOUS
MRS. THOMAS LAWSON
Planted May 18th, in full crop middle of August
ROOTED CUTTINGS:
$10.00 per 100
$40.00 per 500
$75.00 per 1000

Ask your *Brother Florist* if he saw it at the Detroit Carnation Show. Ten to one he will say it's a good carnation to grow. **Received CERTIFICATE OF MERIT at Detroit Carnation Show—scoring 87 pts.**

W. J. Palmer & Son
Lancaster, N. Y.

Mention The Review when you write.

RED SPORT (Of Maceo.)

This new "Bread and Butter" commercial brilliant "Crane" Red Carnation, now in its fourth year, has the hardy constitution of General Maceo, with a stronger heavier growth, longer and stiffer stem and a larger flower. Growing under the same conditions and in the same house with Flamingo and Estelle it has produced four times as many blooms as the former and twice as many blooms as the latter. The color is as good as Estelle and the bloom brings as much as does Estelle at its best. Every flower is of a uniform brilliant red, perfectly double with an ideal calyx, in fact we never saw a split one.

Red Sport is perfectly healthy, an easy variety to grow, an early and continuous bloomer, throwing its heaviest cuts around the Christmas holidays and during the Winter months when red is in demand. **Red Sport** will keep longer and travel farther than any other red carnation, and will prove a bonanza to the grower who does a shipping business. If the scarcity of reds in the market that now exists continues **Red Sport** will pay better to the square foot of bench than any other variety of any color to date. Every florist who has seen **Red Sport** growing has placed an order for rooted cuttings, which tells the tale. All our stock is sold up to January 25th. Orders filled in strict rotation from that date on. Price, 12 for $1.50, 25 for $2.50, 50 for $4.00 all post paid. $6.00 per 100, $50.00 per 1000, by express. We guarantee all cuttings to be well rooted and to arrive in good condition.

A. B. DAVIS & SON, Carnation Specialists, **PURCELLVILLE, VA.**

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NEW CARNATION
The best commercial red
Crisis
Thoroughly tried. It is a money maker.

PRICE: $12.00 per 100; $100.00 per 1000.

J. L. DILLON, BLOOMSBURG, PA.

Mention The Review when you write.

Carnation Rooted Cuttings

	Per 100	Per 1000
Lady Bountiful	$6.00	$50.00
The Belle	6 00	50 00
Flamingo	6.00	50.00
Nelson Fisher	6 00	50 00
Mrs. Patten	6.00	50 00
Enchantress	3 50	30.00
Prosperity	3 00	25.00
Manley	3.00	25 00
Boston Market	3 00	25 00
Nelson	3.00	25.00
Harry Fenn	2 50	20.00
Gov. Wolcott	2.50	20.00
Adonis	2.50	20.00
Lawson	2 00	17.50
Fairmaid	2 00	17 50
White Cloud	1.50	12.50
Morning Glory	1.50	12.50
Joost	1.25	8 00

FERNS: Boston Ferns, 2½-inch, $5.00 per 100; 3-inch, at $8.00; 4-inch, at $15 00; 5-inch, at $25 00; 6 inch, at $40.00; 7-inch, at $90.00.

CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

CARNATIONS!

Well Rooted.... ....Now Ready.

	Per 100	Per 1000
WHITE LAWSON	$6.00	$50.00
MRS. M. A. PATTEN	6 00	50.00
FLAMINGO	6.00	50.00
ALBATROSS	6.00	50 00
NELSON FISHER	6.00	50.00
ENCHANTRESS	3.50	30.00
THE QUEEN	3.00	25.00
BOSTON MARKET	3 00	25.00
FAIR MAID	2.50	20.00
MRS. LAWSON	2 50	20.00

IMPERIAL GREENHOUSES, UTICA, N. Y.

Mention The Review when you write.

CARNATIONS

SELECTED YOUNG STOCK.

Flamingo, Enchantress, Queen, Queen Louise, Wolcott, Lawson, Floriana, Lord and

FIANCEE

Kaiserin Roses and Chrysanthemum Novelties

Write for prices.

Fine large Duckham 'Mum Stock plants at $1.25 per doz.

ROBERT C. PYE, NYACK, N. Y.
Wholesale Carnation Grower.

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DISCOUNT ON

BOSTON and PIERSON FERNS

SPECIAL.

J. B. Braidwood, Successor to William Clark.
COLORADO SPRINGS, COLO.

Send for Price List.

Mention The Review when you write.

SATISFACTION ..IN.. **ROOTED CUTTINGS.**

	Per 100	Per 1000		Per 100	Per 1000
Enchantress	$1.00	$30 00	W. Cloud	$1.50	$12.50
Lawson	1.50	12 50	Flora Hill	1.25	10.00
Joost	1.25	10.00	Q. Louise	1.25	10.00
Marquis	1.25	10.00	Estelle	2.50	20 00
B. Market	3.00	20.00	Prosperity	2.00	15.00

Quality is our Hobby.

W. C. HILL FLORAL CO., Streator, Illinois.

Mention The Review when you write.

Strong Rooted Carnation Cuttings

	Per 1000		Per 1000
Enchantress	$30 00	Adonis	$5.00
Lord	10.00	Flamingo	50.00
Angel	10 00	Estelle	15 00
Lawson	10.00	Bradt	10.00
Lady Bountiful	40.00	Mrs. M. A. Patten	40 00
Gov. Wolcott	10 00	Peru	10.00
Flora Hill	10.00	Queen Louise	8.00
Boston Market	20.00	Cash or C. O. D.	

SOL. GARLAND, Des Plaines, Ill.

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B. & A. SPECIALTIES

AZALEAS

Christmas or Easter Blooming.

Deutsche Perle, white; **Simon Mardner,** red; **Vervæneana,** pink. In addition to the following: **Van der Cruyssen, Vervæneana, Prof. Wolters, Niobe, Bernhard Andreas Alba, Empress of India, Schryveriana, Emperor of Brazil, Chicago.**

	Per 12	Per 100
10-12 in. diam	$4 00	$35 00
12-14 "	6 00	45.00
14-15 "	7.50	60.00
15-16 "	9.00	75 00
16-18 "	12.00	90 00
18-20 "	25 00	200 00
20-24 "	36 00	300.00

BOXWOOD, Pyramidal, handsome specimens.

	Each
15-18 in.	$0 50
18-24 in.	.75
2 ft.	1 00
2½ ft.	1.50
3 ft.	2 00
3½ ft.	2 50
4 ft.	3.50
5 ft.	4 00

5-6 ft. high, nicely shaped, per pair, $10 00 to $15.00.

For Window Boxes, bushy plants, 25 cts., 35 cts., 50 cts., 65 cts and 75 cts. each.

Acacia Armata, or Paradoxa pot-grown and well budded, 18-24 in., per 12, $10.00; 2-3 ft., extra fine, per 12, $12.50.

SINGLE TUBEROUS ROOTED BEGONIAS.

5 colors separate, 1st size ..... $3.00 per 100
5 " " 2d " ..... 2.00 "

CALLAS

Fine Blooming Size, $4 50 per 100; Selected Size, $6.50 per 100; Mammoth Size, $8.50 per 100.

Pot Grown

	Per 100
Deutzia Gracilis	$15.00
Deutzia Lemoinei	18.00

Pot-Grown Shrubs for Forcing

The following are all handsome, bushy, well-grown plants, well budded, and will prove a profitable investment to any one.

Plants are all 2½-3½ ft.	Per 12
Acer Negundo variegata	$6.50
Azalea Mollis, 12-15 in.	4.50
" " 15-18 in.	6.50
Cratægus Pauli	9 00
Cherries, double flowering	7.50
Deutzia Gracilis	2 00
" **Lemoinei**	2.50
Lilac, Charles X. blue; Marie Le Graye, white; Lemoine, double white	9.00
Malus Floribunda	9.00
Staphylea Colchica	6.00
Viburnum Opulus	6 00
" **Plicatum**	6 00
Weigelia Eva Rathke	7.50

STANDARDS.

Lilac, in variety	12.00
Viburnum Opulus	12.00
Wistarias	18 00
Japanese Maples, red and gold leaf variety	12.00
Spiræa Japonica, Compacta and Astilboides, $5.00 per 100.	
Dielytra Spectabilis (Bleeding Heart), strong clumps for forcing, $6.00 per 100.	

ROSES

Maman Cochet, strong, 2 yr., white and pink, $12.00 per 100.

PEONIES

	Per 12	Per 100
Officinalis rubra plena	$1.00	$8 00
" **alba** "	2 00	15.00
" **rosea** "	1.50	12 00

Chinensis, 50 in 50 varieties, $15 00 per collection. White, red, pink, good named varieties in equal quantities, $8.00 per 100.

Aborea (Tree Peony), in variety, $9.00 and $12.00 per 12.

See Catalogue for PALMS, BAY TREES, EVERGREENS, SHRUBS, ORNAMENTAL TREES, and other Stock.

BOBBINK & ATKINS, Rutherford, N. J.

Announcement

We desire to say to those who may have anticipated purchasing stock of the **Begonia Templinii,** that owing to having had a serious accident with two of our steam heating boilers early in November, we lost a great portion of our **Templinii** stock, and we, therefore, are unable to supply the trade.

Since we have made the **Templinii** a distinctive feature of our 1905 retail catalogue, we will make a strenuous effort to meet our retail demands.

Very truly,

THE TEMPLIN CO., CALLA, OHIO.

Mention The Review when you write.

The QUEEN of all Variegated Carnations

VARIEGATED LAWSON

A Sport from Mrs. Thos. Lawson, awarded First-class Certificate of Merit by the Massachusetts Horticultural Society.

The fall shows proved the Lawson blood still ahead. You need this one. The best variegated on the market. Color, snow white, striped carmine, very distinct. Calyx, much better than its parent. Very fragrant. Fine seller. Has very pleasing color effect. Free grower and bloomer, like its parent. House in full crop 10 weeks after planting. Cuttings guaranteed first-class. Prices—$2.00 per doz; $10 00 per 100; $80.00 per 1000. 50 at 100 rate and 250 at 1000 rate. Delivery in rotation, beginning at once.

W. B. ARNOLD, Rockland Greenhouses
ROCKLAND, MASS.

BOSTON AND PIERSON FERNS.

We have about ten thousand feet of glass devoted to these and are crowded for room. To move our surplus we will give you extra value. Send for a sample lot. They are in from 6 to 10-inch pots and we will sell them at $6.00, $8.00, $9.00, $12.00, $15.00 and $18.00 per dozen.

FARFUGIUM GRANDE.

Our stock is finely variegated and in tip top shape. Price, 4-inch pots very bushy, $15.00 per 100.

ROOTED CUTTINGS We have just put in large lots of cuttings of the following and will have more than we need for our own use. Surplus is yours at $1.00 per 100; $7.50 per 1000 except where otherwise noted. Order quick.

COLEUS, 15 best bedders, 50c per 100; $1.00 per 1000.
AGERATUMS, Stella Gurney and Dwarf Beauty.
SANTOLINA TOMENTOSA.
ACHYRANTHES, Borbonica, Gilsoni and Lindeni.
PERISTROPHE ANGUSTIFOLIA.
SALVIA SPLENDENS, St. Louis, 75c per 100; $6.00 per 1000.
SALVIA OFFICINALIS VARIEGATA.
ACALYPHAS WILKESIANA and MACROPHYLLA.
LANTANAS, Amiel, Le Poitevine, Argus, Snowball, Ultimo, Craigi and delicatissima.
BASSELLA RUBRA, 75c per 100; $6.00 per 1000.
SWEET ALYSSUM, double, 50c per 100; $4.00 per 1000.
CUPHEA PLATYCENTRA, 60c per 100; $5.00 per 1000.
CARNATIONS, Mrs. Fisher, $1.25 per 100; $10.00 per 1000.
HELIOTROPES, Madam Blonay and Le Poitevine.

Special. Watch this list every week. We will offer the surplus from one house each week, at prices which ought to sell it. It will be offered only once. Something else next week. Price subject to stock being unsold. All first-class, in good condition, unless otherwise noted. Terms, "Prompt Cash."

Address MICHEL PLANT and BULB CO., St. Louis, Mo.

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LITTLE ROCK, ARK.

Emil Bohnke instituted suit December 20 in the Circuit Court against J. W. Vestal and Charles Vestal for $10,000 damages for injuries alleged to have been sustained while at work in the defendant's greenhouses in Baring Cross. The plaintiff alleges that on November 11, 1904, he was employed by the defendants as a gardener and in doing his work was required to walk about the greenhouses on walks provided for that purpose; that the defendants negligently placed under such walks, to convey steam and hot water at high pressure, a pipe that was defective and in bad condition; that the defendants failed to inspect the pipe when put down and before covering it with three feet of dirt. He alleges that while at work his foot broke through the top of the ground and he dropped to his waist into a pool of hot water and mud, which had gathered by reason of the defective pipe.

The plaintiff alleges that he was severely scalded, his injuries incapacitating him from following his occupation, and that he suffered great pain of body and anguish of mind. He alleges that he was damaged to the amount of $10,000 and asks judgment for that amount.

COLORADO SPRINGS, COLO.

J. B. Braidwood has purchased the interest of William Clark in the greenhouses which bear the latter's name. The deal is one of the largest which has been consummated in Colorado Springs for years, as it involves a consideration of approximately $50,000. It is understood to cover the stock, good will and houses at the Platte and Wahsatch avenue establishments and the nurseries on Wood avenue.

The purchaser is a son-in-law of the former owner. He has been associated in the business for years and for some time has been its directing spirit. He is known as one of the most progressive of the younger business men of the city. The business was established in 1873.

LORRAINE BEGONIAS

Now is the time to order your stock for early delivery. Fine thrifty stock from 2-in. pots.

April delivery.....$15 00 per 100
May delivery ..... 12.00 per 100
Special quotations on 1000 lots.

A. JABLONSKY, WELLSTON, ST. LOUIS, MO.

Mention The Review when you write.

50,000
ROOTED CUTTINGS

Geraniums—The "Six Kings" for bedding. S. A. Nutt, (D. crimson), Paul Bruant, (D. scarlet), J. Viaud, (D. pink), Beaute Poitevine, (Dbl. salmon), Mrs. E. G. Hill, (Single salmon), Mme. Buchner, (D. white). Large top cuttings, well rooted, $1.50 per 100; $14.00 per 1000.

Petunias—Double Fringed. We are headquarters for these. Six distinct novelties, labeled, $1.25 per 100; $10.00 per 1000.

Salvias—The two best. Drooping Beauty, (dwarf), Bonfire, (tall), 75c per 100; $7.00 per 1000.

Asparagus Plumosus Nanus—Plants from 3-inch pots, $3.00 per 100.

Carnations—Don't buy until you see our list.

The W. T. Buckley Co.
SPRINGFIELD, ILL.

Mention The Review when you write.

Asparagus

Per 100
Plumosus Nanus, 2¼-in. pots, per 1000, $15.00; $2.00

Pansy Plants

Large flowering, per 1000, $2.50..... .60

—CASH—

Jos. H. Cunningham, Delaware, Ohio.

BOSTON FERNS!

2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.
Piersoni, strong rooted runners, $2.00 per 100.
Scottii, $5.00 per 100.
Plumosus, 2½-in., $3.00 per 100.

DAVIS BROS.,
Morrison, Ill., and Geneva, Ill.

Boston Ferns

Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots, at 25c, 50c, 75c, $1.00 each.

KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS
Cash or reference please.

L. H. Foster, 45 King St. **Dorchester, Mass.**

	Per 100
RUDBECKIA Extra choice, large clumps	$5.00
ASPARAGUS SPRENGERI, Extra quality, 2¼-in. pots	2.00
ASPARAGUS PLUMOSUS, Extra quality, 2¼-in. pots	2.50
ASPARAGUS PLUMOSUS, Extra quality, 3-in. pots	4.00

Above prices cash with order.

JOHN BROD, Niles Center, Illinois

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XXX SEEDS

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.
Cineraria. Finest large flowering dwarf, 1000 seeds, 50c.
Phlox Pumila Compacta. Very dwarf and compact; grand for pots; in finest colors, mixed. Trade pkt., 25c.
Alyssum Compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots. Trade pkt. 25c.
Chinese Primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.
Pansy, Finest Giants. The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c.
Petunia. New star, from the finest marked flowers, extra choice. Trade pkt., 25c.
Cash. Liberal extra count of seeds in all packets.

SHAMROCK
...IRISH...

Strong and fine plants. Better order early. $4.00 per 100; or 60c. per doz., by mail.

JOHN F. RUPP, Shiremanstown, Pa.
THE HOME OF PRIMROSES.

Mention The Review when you write.

We Are Headquarters

Araucaria Excelsa, cheaper and better than anywhere else. Plants in 5½ in pots, 4 to 5 tiers, bushy, 15 to 18 inches high, 75c: 6-in. pots, 20, 25 and 30 inches high, 5, 6 and 7 tiers, $1.00, $1.25 to $1.50 each.
Ficus Elastica or Rubber Plants, 6-in. pots, 22, 25 to 30 inches high, all perfect leaves, good from top to bottom $5.00 to $6.00 per doz. Specimens, 7-in. pots, extra good, 75c each.
Boston Ferns, 5, 5½ to 6-in. pots, 25c 30c, 40c and 50c each. Specimens, 8-in. pots $1.00 each.
Dracæna Bruanti, 6-in. pots 20 to 25 inches high, 50c each, $5.00 doz.
Kentia Forsteriana, made-up plants, 3 in a pot, 5, 6 to 6½-in. pots, 30 inches high, 75c each; 35 to 40 in. high, very fine, $1.00, $1.25 to $1.50 each.
Latania Borbonica, healthy plants, 5 to 6 leaves, 50c each.
Cocos Weddeliana 3 inch, 15c each.
Cash with order.
All goods shipped at purchaser's risk.

Godfrey Aschmann, Wholesale Grower and Importer of Pot Plants.
1012 Ontario St., PHILADELPHIA, PA.
Bell Phone Tioga 3669 A.

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Primulas, Cinerarias.

I have **500 Primula Obconica,** healthy, thrifty stock, which I should like to trade for **Cyclamen and Cinerarias.**
Also **Chinese Primroses. Asparagus,** from bench and from 2½-in. pots.

FRANK IMBACH, Newport News, Va.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

Fred Burki

is the ideal Commercial White Carnation.

Its freedom of bloom coupled with its other meritorious qualities will commend it to the most conservative growers. You will make no mistake by growing **FRED BURKI.**

$12.00 per 100; $100.00 per 1000; 250 at 1000 rate.

JOHN MURCHIE,
SHARON, PA.

S. S. SKIDELSKY,
824 No. 24th St., Philadelphia.

WRITE FOR DESCRIPTIVE CIRCULAR.

Mention The Review when you write.

Chrysanthemum Novelties

We are headquarters for the best new varieties. Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Mileham, Lady Cranston, A. J. Miller, Mrs. D V. West, etc., etc. Complete list now ready. Send for a copy.

CHARLES H. TOTTY, MADISON, N. J.

Mention The Review when you write.

BOSTON FERNS, 2½, 3, 4, 5, 6, 7, 8 and 10 inch.
PIERSONI, 2½, 5, 6 and 7 inch.
SCOTTII, 4, 5 and 6 inch.
PLUMOSUS, 2½, 3, 4 and 5 inch.
SPRENGERI, 2½, 3 and 4 inch.

A few nice Rex and Blooming Begonias.
Let us know your wants for Christmas in cut flowers, we shall have **Roses, Carnations, Paper White Narcissus and Roman Hyacinths.** Write

GEO. A. KUHL,
PEKIN, ILL.

Mention The Review when you write.

WM. DUCKHAM

Extra fine strong clumps, $1 per doz.

CARNATIONS—Rooted Cuttings.

White Lawson	$6.00 per 100;	$50.00 per 1000
Flamingo	5 00 "	40.00 "
Enchantress	3.50 "	30.00 "
The Queen	2 50 "	20.00 "

The Cardinal, Jan. delivery, $12.00 per 100.

Larchmont Nurseries, Larchmont, N. Y.

Mention The Review when you write.

ORCHIDS

CATTLEYA MENDELLI Just arrived in fine condition, a shipment of this scarce and beautiful Orchid. Also Laelia Anceps, Oncidium Tigrinum, etc. Write for special list No. 14.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

BOSTON FERNS

4-inch, fine stock, $15.00 per 100.
VIOLETS—Field-grown Lady Campbell, $4.00 per 100.
CARNATIONS—Field-grown, white and pink, $4.00 per 100.
PELARGONIUMS—2-in., mixed var., $2.50 per 100.
GERANIUMS—R. C., leading var., $1.00 per 100.
COLEUS—R. C., 12 var. 60c per 100. Cash please.

Converse Greenhouses, WEBSTER, MASS.

Mention The Review when you write.

NEW PRICE LIST ON

Pyramid KAISER KRONEN Standard

Bay Trees

Orders booked now.

Julius Roehrs, Rutherford, N. J.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

GERANIUMS

Good strong stocky plants from 2¼-in pots.

DOUBLES—Bruanti, Comtess de Harcourt, La Favorite, Miss F. Perkins, Miss Kendell, Mme. Charrott Mme. Barney, Mme. Buchner, Mme. Canovas, S. A. Nutt, 40c per doz., $2.00 per 100, $20.00 per 1000. Centaure, Double Genl. Grant, Gloire de France, Jean Viaud, Le Cid, Mme. Landry, 40c per doz., $2.00 per 100, $17.50 per 1000.

SINGLES—Granville, L'Auba, Queen of the West, Single General Grant, 40c per doz., $2.00 per 100, $17.50 per 1000.

Special price for this week. Not less than 250 of any one variety of the following; $15.00 per 1000; 6000 for $100.00: Double General Grant, Gloire de France, Jean Viaud, Mme. Landry, Granville, and Queen of the West.

Send for our descriptive Geranium Catalogue.

Greenhouse Plants

2¼ in stock; not less than 5 of any one variety sold.

	Per 100	1000
Ageratums, dwarf white and Stella Gurney, 40c per doz.	$2.00	
Alternanthera, red and yellow, in variety	2.00	$15.00
Alternanthera, rooted cutting	.60	5.00
Alyssum, dwarf and giant double, 40c per doz.	2.00	
Aquilegia (Columbine), single mix'd.	3.00	
Coleus, good varieties	2.00	15.00
Gaillardia Grandiflora	3.00	
Hardy English Ivy	2.00	15.00
Heliotrope, good varieties	2.00	
Hibiscus, 8 varieties	3.00	
Hollyhock, double white and mixed, 8 in. pots	3.00	
Holt's Mammoth Sage	2.00	15.00
Lemon Verbena	2.50	17.50
Lantanas, 10 varieties	$2.00	$17.50
Maranta Massangeana	4.00	
Moonvines, white and blue, 50c doz.	3.00	
Rose, Marechal Niel, 3 in. pots	5.00	
Salvia, in variety	2.00	17.50
Smilax, strong	2.00	15.00
Swainsona Alba and Rosea	2.00	17.50
Sweet William, double mixed	3.00	

Write us for special price on large lots of any thing in this list.

DAHLIA ROOTS

Good selection of standard varieties, $5.00 per 100; $40.00 per 1000. Mixed $4.00 per 100: $35.00 per 1000. Send for list.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh, Md.

Mention The Review when you write.

250,000 Rooted Cuttings Carnations

NOW READY. All Orders Filled Full and Prompt.

	Per doz.	Per 100	Per 1000
Alba, big white	$ 25	$1.40	$12.50
Queen Louise, white	.20	1.20	10.00
Flora Hill, white	.20	1.20	10.00
Wolcott, white	.20	1 20	10.00
Norway, white	.20	1.20	10.00
Prosperity, fancy	.25	1.40	12.50
Lawson, pink	.25	1.40	12 50
The Marquis, pink	.20	1.20	10.00
Genevieve Lord, pink	$.20	$1.20	$10.00
Mrs. Joost, pink	.20	1.20	10.00
G. H. Crane, scarlet	.20	1.20	10.00
America, scarlet	.20	1.20	10.00
Potter Palmer, scarlet	.20	1.20	10.00
Harlowarden, crimson	.25	1.40	12.50
Gen. Gomez, crimson	.20	1.20	10 00
Eldorado, yellow	.20	1.20	10.00
Armazindy, var.	.20	1.20	10.00

6 at dozen rates; 25 at 100 rates; 250 at 1000 rates. Cash. If not satisfactory on arrival, return at once and money will be refunded promptly. We prepay express charges at above prices.

WM. LINFOOT, 317 N. Vermilion, DANVILLE, ILL.

Mention The Review when you write.

THE BEST

Dwarf Bright Red CANNA is

THE EXPRESS Awarded Gold Medal at St. Louis World's Fair.

OSCODA is a worthy companion, color of Queen Charlotte.

If interested let us quote you attractive prices.

NATHAN SMITH & SON, Adrian, Mich.

Mention The Review when you write.

Rooted Cuttings

PELARGONIUMS, 15 var., $2.25 per 100.
VERBENAS, 30 var., 60c per 100; $5.00 per 1000.
HELIOTROPE, 12 var., $1.00 per 100; $8 per 1000.
PETUNIAS, 20 var., $1.25 per 100; $10.00 per 1000.
SALVIAS, 6 var., $1.00 per 100; $8.00 per 1000.
GIANT ALYSSUM, $1.00 per 100; $8.00 per 1000.
AGERATUMS, 4 var., 60c per 100; $5.00 per 1000.
COLEUS, 40 var., 70c per 100; $6.00 per 1000.
DAISIES, $1.00 per 100.

Express prepaid on all R. C.
Cash with orders. Write

S. D. Brant, Clay Center, Kan.

Always mention the Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Eclipse, 2¼ or 2½-in., $3.00 100.
Storrs & Harrison Co., Painesville, O.

ACALYPHAS.

Acalyphas Wilkesiana and macrophylla, rooted cuttings, $1.00 100, $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

ACHYRANTHES.

Achyranthes Gilsoni, Lindeni and Borbonica, rooted cuttings, $1.00 100, $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

ADIANTUMS.

Adiantum hybridum, 2¼-in. pots, $5.00 100.
A. Ley & Bro., Langdon, D. C.

AGERATUMS.

Ageratums Stella Gurney and Princess Pauline, 2¼ or 2½-in., $2.50 100, $20.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Ageratums Stella Gurney and Dwarf Beauty, rooted cuttings, $1.00 100, $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Ageratum rooted cuttings, 4 var., 60c 100; $5.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Ageratums, Stella Gurney and dwarf white, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ALTERNANTHERAS.

Alternantheras, red and yellow, in variety, 2¼-in., $2.00 100, $15.00 1000; rooted cuttings, 60c 100, $5.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Brilliantissima, 75c doz.; $4.00 100.
C. Winterich, Defiance, O.

ALYSSUM.

Giant alyssum rooted cuttings, $1.00 100; $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Double sweet alyssum, rooted cuttings, 50c 100, $4.00 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Alyssum, dwarf and giant double, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Alyssum giant double, strong 2-in., 2c; R. C., mail, ¾c. Cash.
Byer Floral Co., Shippensburg, Pa.

ANTIRRHINUM.

Snapdragon, our giant pink, 2-in. pots, $6.00 100; $50.00 1000.
J. Breitmeyer's Sons, Detroit, Mich.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 5½-in., 4 to 5 tiers, 15 to 18 in. high, bushy, 75c; 6-in., 20, 25 and 30 in. high, 5, 6 and 7 tiers, $1.00, $1.25 to $1.50 each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa, from $1.25 to $2.00 each.
Wm. A. Bock, No. Cambridge, Mass.

ASPARAGUS.

Asparagus Sprengeri, 3-in. pots, $3.00 100, $25.00 1000; 4½-in. pots, $4.00 100, $30.00 1000; 5-in. pots, $5.00 100, $40.00 1000. Wrapped and packed securely against frost. Cash.
F. A. Walker & Co., Box 316, New Albany, Ind.

50,000 Asparagus plumosus nanus, strong plants from bench, $8.00 per 1000; from 2½-in. pots, $16.00 per 1000, cash. Prepaid.
S. B. Ritter, Port Royal, S. C.

Asparagus plumosus, 2¼-in., $2.50; 3-in., $4.00. Sprengeri, 2¼-in., $2.00; 3-in., $3.00. Fine and pot-bound ready to shift.
S. M. Harbison, Danville, Ky.

Asparagus plumosus nanus, fine bushy stock from 2½-in pots, $3.00; from 3-in. pots, $5.00; from 3½-in. pots, $8.00 per 100.
Paul Mader, East Stroudsburg, Pa.

Asparagus Sprengeri, 3-in. pots, $4.00 100.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Asparagus Sprengeri, extra quality, 2½-in., $2.00 100. A. plumosus, extra quality, 2¼-in., $2.50 100; 3-in., $4.00.
John Brod, Niles Center, Ill.

Asparagus plumosus nanus, true, extra value, 2½-inch, $3.00 100; $25.00 per 1000; 3-inch, $5.00 100. Cash.
W. A. Wettlin, Hornellsville, N. Y.

Asparagus plumosus nanus, 2½-in. pots, $2.50 100; 3-in., $5.00. Sprengeri, 2½-in., $2.50 100; 3-in., $4.00 100.
National Plant Co., Dayton, Ohio.

Asparagus plumosus, 3-in., $6.00 per 100; Sprengeri, 3-in., $4.00 per 100.
Henry Fischer, 1st Toll Gate, Belair Ave., Baltimore, Md.

Asparagus Sprengeri, strong 2-in., $1.50 per 100; $12.00 per 1000.
Golden State Plant and Floral Co., Santa Monica, Cal.

A. plumosus nanus, strong, 2-in., 2½c; $22.50 per 1000; 3-in., 5c. Sprengeri, 2-in., 2c. Cash.
Byer Bros., Chambersburg, Pa.

Asparagus plumosus, 2¼ or 2½-in., $3.00 100; Sprengeri, 2¼ or 2½-in., $2.50 100.
Storrs & Harrison Co., Painesville, O.

Asparagus plumosus nanus, 3-in., $3.00 100; $25.00 1000. Express prepaid.
California Carnation Co., Loomis, Cal.

Asparagus plumosus nanus, 4-in., $20.00 100. Sprengeri, 4-in., $12.00 100.
Anderson & Christensen, Short Hills, N. J.

Asparagus plumosus nanus, fine plants, 3-in., $3.00 100; 4-in., $7.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, 2¼-in. pots, $2.00 100, $15.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri and plumosus, strong 2-in., $2.50 per 100.
Iowa Seed Co., Des Moines, Iowa.

Asparagus from benches and from 2½-in. pots. Write me.
Frank Imbach, Newport News, Va.

Asparagus plumosus nanus, 2½-in. pots, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, 2½, 3 and 4-in.; plumosus, 2½, 3, 4 and 5-in. Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, ready for 4-in., $15.00 1000. J. F. Allen, Orlando, Fla.

10,000 Asparagus plumosus, 3-in., $3.00 100. Cash. Lewis Ullrich, Tiffin, Ohio.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus nanus, 3-in., $3.00 100.
W. T. Buckley Co., Springfield, Ill.

Plumosus, fine, strong 3-in., $5.00 100.
C. Winterich, Defiance, Ohio.

Asparagus plumosus, 2½-in., $3.00 100.
Davis Bros., Geneva, Ill.

BASELLAS.

Basella rubra, rooted cuttings, 75c 100, $6.00 1000. Michel Plant and Bulb Co., St. Louis, Mo.

BAY TREES.

New price list on pyramid, Kaiser Kronen, and standard bay-trees. Orders booked now.
Julius Roehrs, Rutherford, N. J.

BEDDING PLANTS.

Ludvig Mosbaek, Onarga, Ill. Alternantheras, red and yellow; August R. C., strong, $5.00 per 1000; by mail, 60c per 100. Alyssum, double, sweet, 2-inch, $2.00; R. C., mailed, $1.00 per 100. 10,000 geraniums, Nutt and 20 other varieties, 2¼-in., $20.00 per 1000. Petunias, double fringed, pure white, 2¼-in., $2.50; R. C., mailed, $1.25 per 100. 500,000 pansy plants, Florists' International, strong, transplanted from cold frame, $10.00 per 1000; extra strong, in bud and bloom, $1.50 per 100. Vinca variegata from 3-in. pots, $4.00; R. C., mailed, $1.00 per 100. Salvias in four named varieties, 2-in., $2.00 per 100. Daisies, forget-me-nots, sweet williams, $3.00 per 1000.

BEGONIAS.

Lorraine begonias. Order now for early delivery. Fine thrifty stock from 2-in. April delivery, $15.00 100; May delivery, $12.00 100. Special quotation on 1000 lots.
A. Jablonsky, Wellston, St. Louis, Mo.

Tuberous rooted begonias, single, sep. colors, $3.00 100, $27.50 1000; finest mixed, $2.75 100, $25.00 1000. Double, in 5 separate colors, $4.00 100; $37.50 1000; finest mixed, $3.75 100; $35.00 1000. N. Le Page, Mt. Vernon, N. Y.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonias Argenteo-guttata, speculata, rubra and several other good varieties, 40c per doz., $2.50 per 100. Harmon & Henderson, Iola, Kan.

Flowering begonias, in variety, 2¼ or 2½-in., $3.00 100, $25.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Rex, 15 sorts, mixed; flowering, 6 sorts. R. C., prepaid, $1.10 per 100, cash.
Byer Bros., Chambersburg, Pa.

A few nice Rex and blooming begonias. Write.
Geo. A. Kuhl, Pekin, Ill.

Begonia Louise Erdody, 3-in., $7.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

BERRIED PLANTS.

Christmas peppers, full of fruit, 4 and 5-in., $5.00 and $7.00 per 100. Jerusalem cherries, 5-in., 6-in. and 7-in., very fine, $1.00 to $2.50 per doz. J. C. Schmidt Co., Bristol, Pa.

BULBS.

Last call for extra fine, late dug L. longiflorum, fine for Easter; 6 to 8, $3.00 100; $28.00 1000; 7 to 9, $4.50 100; $42.00 1000.
Amaryllis Belladonna, very large bulbs, forces fine, color beautiful rose, 75c 12; $5.00 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

Tulips La Reine, La Candeur, Chrysolora, Yellow Prince and Keizerskroon. Double-nose Von Sion, 1st size Von Sion, Paper White narcissus grand., 13 cms. up. Amaryllis and spiraea bulbs. Write for prices.
D. Rusconi, 32 W. 6th St., Cincinnati, O.

Bulbs.	Per 100.		Per 100
Lilium Canadense....	$4	Lilium Rubrum	$6
Lilium Superbum....	4	Ismene Grandi.....	6
Lilium Umbellatum..	5	Trade list free.	

John Lewis Childs, Floral Park, N. Y.

All spring bulbs now ready. Our bulbs are always reliable. Wholesale catalogue for the asking.
Arthur T. Boddington, 342 West 14th St., N. Y.

If you want fine Mexican bulbs, see adv. under the heading of Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

We are the largest growers of FREESIA bulbs in the United States. Write us.
Rees & Compere, Long Beach, Cal.

Chinese Sacred lilies, Japan-grown callas on hand now. Prices on application.
Suzuki & Iida, 31 Barclay St., N. Y.

Milla and bessera bulbs, large and small, $5.00 per 1000. Will exchange.
C. R. Orcutt, San Diego, Cal.

Calla bulbs, dahlias and cannas. Write us.
California Product Co., 8 Taylor St., San Francisco, Cal.

Lilium auratum and speciosum, all sorts. Write
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

CACTI.

If you want fine CACTI see adv. under heading Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

CALLAS.

Calla bulblets, or offsets, 40c per 100, or 300 for $1.00 cash. Should be set in the bench soon. Mrs. M. E. Patterson, Glendale, Cal.

CAMELLIAS.

Camellia plants in sorts; best German grower; spring delivery. Address A. Rolker & Sons, New York, 31 Barclay St., or P. O. Box 752.

CANNAS.

The Express, bright dwarf red, and Oscoda, color of Queen Charlotte are two good cannas. If interested write us.
Nathan Smith & Son, Adrian, Mich.

CARNATIONS.

CRISIS, the best commercial red; thoroughly tried; it's a money-maker. Price: $12.00 100; $100.00 1000. J. L. Dillon, Bloomsburg, Pa.

Enchantress, unrooted cuttings, $2.00 per 100, prepaid. F. A. Norton, Ypsilanti, Mich.

Rooted carnation cuttings. 1,000,000 now ready. Cuttings shipped immediately upon receipt of order. We pack to stand 30 degrees below zero.

	Doz.	100
Fiancee, 1905, pink	$1.80	$12.00
Crisis, 1905, scarlet	1.80	12.00
Robert Craig, 1905, scarlet	1.80	12.00
Fred Burki, 1905, white	1.80	12.00
Cardinal, 1905, red	1.80	12.00
Gibson Beauty, 1905 scarlet	1.80	12.00
Wm. Penn, 1905, pink	1.50	10.00
Red Lawson, 1905, red	1.50	10.00
Red Sport, 1905, red	1.50	10.00
Richmond Gem, 1905, scarlet	1.50	10.00
Lady Bountiful, 1904, white	1.00	6.00
The Bell, 1904, white	1.00	6.00
Flamingo, 1904, scarlet	1.00	6.00
Crusader, 1904, scarlet	1.00	6.00
White Lawson, 1904, white	1.00	6.00
Nelson Fisher, 1904, variegated	1.00	6.00
Indianapolis, 1904, pink	1.00	6.00
M. A. Patten, 1904, pink	1.00	6.00
Reliance, 1904, white	1.00	6.00
The President, 1904, crimson	1.00	6.00
Judge Hinsdale, 1904, white	1.00	6.00
The Bride, 1904, white	1.00	6.00
Enchantress, shell pink	.50	3.50

Standard sorts—	Doz.	100	1000
Queen Louise, white	$0.20	$1.00	$10.00
Flora Hill, white	.20	1.00	10.00
Alba, big white	.30	1.40	12.50
Wolcott, white	.20	1.00	10.00
Norway, white	.20	1.00	10.00
Prosperity, white	.25	1.40	12.50
Lawson, pink	.25	1.40	12.50
Marquis, pink	.20	1.00	10.00
Genevieve Lord, pink	.20	1.00	10.00
Success, pink	.20	1.00	10.00
Argyle, pink	.20	1.00	10.00
Joost, pink	.20	1.00	10.00
Mermaid, salmon pink	.20	1.00	10.00
Cressbrook, pink	.20	1.00	10.00
G. H. Crane, best scarlet	.20	1.00	10.00
America, red	.20	1.00	10.00
Mrs. P. Palmer, red	.20	1.00	10.00
Harlowarden, crimson	.25	1.40	12.50
Gen. Gomez, crimson	.20	1.00	10.00
Eldorado, yellow	.20	1.00	10.00
Violania, best variegated	1.00	5.50	50.00
Marshall Field, variegated	.25	1.40	12.50
Armazindy, variegated	.20	1.00	10.00

Express prepaid. Cash or C. O. D., with privilege of examining.
CALIFORNIA CARNATION CO., Loomis, Cal.

Carnation rooted cuttings.

White	100	1000	Scarlet	100	1000
Q. Louise	$1.00	$10.00	Crane	$1.00	$10.00
F. Hill	1.00	10.00	America	1.00	10.00
Alba	1.40	12.50	P. Palmer	1.00	10.00
Wolcott	1.00	10.00	Estelle	1.40	12.50
Norway	1.00	10.00	Manley	1.50	15.00
L. Pond	1.40	12.50	Apollo	1.50	15.00
Chicot	1.20	10.00	Yellow		
Pink			G. Beauty	1.40	12.50
Lawson	1.40	12.50	Eldorado	1.00	10.00
Enchantress	3.50	30.00	Variegated		
Joost	1.00	10.00	Prosperity	1.40	12.50
Success	1.00	10.00	M. Field	1.40	12.50
Mermaid	1.00	10.00	Stella	1.40	12.50
Cressbrook	1.00	10.00	Armazindy	1.00	10.00
McKinley	1.40	12.50	V. Allen	1.20	11.00
Mrs. R'sev't	1.40	12 50	Gaiety	1.20	11.00

Crimson—Harlowarden, $1.40 100; $12.50 1000. G. Roosevelt, $1.20 100; $10.00 1000. Special prices on large lots. Unrooted pips at half price. 25 at 100 rate; 250 at 1000 rate. Express prepaid. Cash or C. O. D. with privilege of examining.
Loomis Floral Co., Loomis, Cal.

200,000 rooted carnation cuttings now ready.

White	100	1000	Scarlet	100	1000
Q. Louise	$1.00	$10.00	Crane	$1.00	$10.00
F. Hill	1.00	10.00	America	1.00	10.00
Gov. Wolc't	1.00	10.00	Estelle	1.40	12.50
Alba	2.00	15.00	Crimson		
W. Cloud	1.00	10.00	Harlow'den	1.40	12.50
Pink			Yellow		
Lawson	1.20	12.50	Eldorado	1.10	12.50
Marquis	1.00	10.00	G. Beauty	1.40	12.50
Enchantress	3.50	30.00	Variegated		
Joost	1.00	10.00	Prosperity	1.40	12.50
McKinley	1.40	12.50	M. Field	1.40	12.50
Mermaid	1.00	10.00	Armazindy	1.00	10.00
Cressbrook	1.00	10.00	V. Allen	1.20	11.00

Unrooted cuttings at one-half price of rooted cuttings. Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.
Loomis Carnation Co., L. B. 115, Loomis, Cal.

250,000 rooted carnation cuttings now ready. All orders filled full and prompt.

	100	1000		100	1000
Alba	$1.40	$12.50	G. Lord	$1.20	$10.00
Q. Louise	1.20	10.00	G. H. Crane	1.20	10.00
Flora Hill	1.20	10.00	America	1.20	10.00
Wolcott	1.20	10.00	P. Palmer	1.20	10.00
Norway	1.20	10.00	Harlow'den	1.40	12.50
Prosperity	1.40	12.50	Gen. Gomez	1.20	10.00
Lawson	1.40	12.50	Eldorado	1.20	10.00
Marquis	1.20	10.00	Armazindy	1.20	10.00
Mrs. Joost	1.20	10.00			

25 at 100 rate, 250 at 1000 rate. Cash. If not satisfactory on arrival, return at once and money will be refunded promptly. We prepay express charges at above prices.
Wm. Linfoot, 317 N. Vermillion St., Danville, Ill.

Rooted cuttings of Mrs. Fisher, $1.25 100, $10.00 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

VICTORY, to be disseminated in 1906, is a true and brilliant scarlet, has a grand stem, does not burst, is never off crop, and is the best shipper and keeper ever introduced. Price: $12.00 100; $100.00 1000; 250 at 1000 rate.
Strong rooted cuttings of the following:

	100		100
White Lawson	$6.00	N. Fisher	$6.00
Enchantress	3.00	Prosperity	3.00
The Belle	6.00	L. Bountiful	6.00
H. Fenn	2.50	Goethe	2.50
Lord	2.50	Manley	3.00
Maceo	1.50	Cervera	2.00
Lawson	2.00		

5% discount for cash with orders.
Guttman & Weber, 52 W. 29th St., N. Y.

ROOTED CARNATION CUTTINGS.
JANUARY DELIVERY.
All orders filled in rotation.

	100		100
Mrs. Patten, var.	$6.00	Queen, white	$3.00
White Lawson	6.00	B. Market, white	3.00
Albatross, white	6.00	Queen Louise	2.00
Flamingo, scarlet	6.00	Lawson	2.00
Enchantress	3.50	Manley, scarlet	2.00
Challenger	2.00		

Write for prices on large lots; 5 per cent discount for cash with order.
James D. Cockcroft, Northport, L. I., N. Y.

RED SPORT, the new bread and butter, commercial red carnation, now in its fourth year, has the hardy constitution of Gen. Maceo, with a stronger, heavier growth, longer and stiffer stem and a larger flower. It will keep longer and travel farther than any other red carnation. All our stock is sold up to Jan. 25. Orders filled in strict rotation from that date on. 12 for $1.50, 25 for $2.50, 50 for $4.00, all postpaid; $6.00 per 100, $50.00 per 1000, by express.
We guarantee all cuttings to be well rooted and to arrive in good condition.
A. B. DAVIS & SON, Purcellville, Va.

The new scarlet seedling ROBERT CRAIG, the ideal Christmas carnation. Prices: $2.50 doz., $12.00 100, $100.00 1000. 2500 lots, $95.00 1000; 5000 lots, $90.00 1000; 10,000 lots or more, $80.00 1000.
The new white seedling LIEUT. PEARY, commences blooming Oct. 15 and flowers continuously through the winter. A first-class commercial variety in every respect. Prices: $12.00 100; $100.00 1000.
Send orders early to
Cottage Gardens Co., Inc., Queens, N. Y.

Carnation rooted cuttings.

	100	1000		100	1000
Q. Louise	$1.20	$10.00	Armazindy	$1.00	$10.00
Alba	1.40	12.50	Mrs. Joost	1.20	10.00
America	1.00	10.00	Lawson	1.40	12.50
Mrs. Palmer	1.20	10.00	McKinley	1.40	12.50
Crane	1.20	10.00	Success	1.20	10.00
M. Field	1.40	12.50	Harlow'den	1.40	12.50
G. Roosevelt	1.40	12.50	Eldorado	1.20	10.00

Cash or C. O. D. with privilege of examining. Express prepaid. Unrooted cuttings one-half price. Hermitage Carnation Co., Loomis, Cal.

WHITE LAWSON, which we introduced last year has given great satisfaction and has proved to be the finest WHITE CARNATION ever sent out. Remember that we are headquarters for it. We are now booking orders for early January delivery, at $7.00 100; $60.00 1000 for first-class, strong rooted cuttings.
We have all the other novelties of the season—Fiancee, Cardinal, Fred Burki, etc., also the cream of the older sorts—Mrs. Patten, Daheim, Enchantress, Flamingo, Mrs. Lawson, etc.
F. R. PIERSON CO., Tarrytown, New York.

Rooted carnation cuttings.

	100	1000		100	1000
L. Bountiful	$6.00	$50	Nelson	$3.00	$25.00
The Belle	6.00	50	H. Fenn	2.50	20.00
Flamingo	6.00	50	G. Wolcott	2.50	20.00
N. Fisher	6.00	50	Adonis	2.50	20.00
Mrs. Patten	6.00	50	Lawson	2.00	17.50
Enchantress	3.50	30	Fair Maid	2.00	17.50
Prosperity	3.00	25	W. Cloud	1.50	12.50
Manley	3.00	25	M. Glory	1.50	12.50
B. Market	3.00	25	Joost	1.25	8.00

W. J. & M. S. Vesey, Fort Wayne, Ind.

50,000 rooted carnation cuttings, good strong plants now ready for delivery.

	100	1000
Mrs. T. W. Lawson	$2.00	$15.00
W. Lawson	5.00	45.00
Enchantress	2.50	20.00
Boston Market	2.00	18.00
Mrs. M. A. Patten	4.50	40.00

50 at 200 rate, 500 at 1000 rate. Satisfaction guaranteed. Cash.
F. Boulon & Son, Sea Cliff, N. Y.

Strong, well-rooted carnation cuttings.

	1000		1000
Enchantress	$30.00	Flamingo	$50.00
Adonis	25.00	Lord	10.00
Angel	10.00	Estelle	15.00
Lawson	10.00	Bradt	10.00
L. Bountiful	40.00	Mrs. Patten	40.00
Gov. Wolcott	10.00	Peru	10.00
Flora Hill	10.00	Q. Louise	8.00
B. Market	20.00	Cash or C. O. D.	

Sol. Garland, Desplaines, Ill.

Place your order now for the new carnation FRED BURKI. Will be disseminated in 1905. Price: $12.00 100, $100.00 1000; 250 at 1000 rate. Address S. S. Skidelsky, 824 No. 24th St., Philadelphia. Or,
John Murchie, Sharon, Pa.

Rooted carnation cuttings ready now. Fine healthy stock. Orders booked for future delivery.

	100	1000		100	1000
W. Lawson	$7.00	$60.00	Enchant'ss	$3.50	$30.00
Bountiful	6.00	50.00	Flamingo	6.00	
Mrs. Patten	6.00	50.00	B. Market	2.50	20.00
N. Fisher	7.00	60.00	The Queen	2.50	20.00
Daheim	6.00	50.00	Mrs. Lawson	2.50	20.00

List of other varieties on application.
Wood Bros., Fishkill, N. Y.

The queen of all variegated carnations is VARIEGATED LAWSON. The fall shows proved the Lawson blood still ahead. You need this one, the best variegated on the market. Cuttings, guaranteed first-class, $2.00 per doz.; $10.00 per 100; $80.00 per 1000; 50 at 100 rate; 250 at 1000 rate. Delivery in rotation, beginning at once.
W. B. ARNOLD
Rockland Greenhouses. Rockland, Mass.

Carnation cuttings.

	100	1000		100	1000
Enchantress	$4	$30	M. A. Patten	$6	$50
Queen	3	25	Lawson	2	15
Fair Maid	3	25	Wolcott	2	15
Harry Fenn	3	25	Manley	2	15
Q. Louise	2	15	Estelle	2	15

Our stock is first-class, and we guarantee our cuttings to be A1 and well-rooted.
The Lewis Conservatories, Marlboro, Mass.

Carnation cuttings, well-rooted, from selected stock.

	100	1000		100	1000
Nelson Fisher	$7.00	$60	Enchantress	$4.00	$30
Mrs. Patten	6.00	50	H. Fenn	3.00	25
Flamingo	6.00	50	Manley	3.00	25
Crusader	6.00	50	Fair Maid	2.50	20
D. Whitney	5.00	40	Queen	3.00	25

Backer & Co., Billerica, Mass.

Rooted carnations, now ready.

	100	1000		100	1000
Ench'tress	$3.50	$27.50	Flamingo	$5.00	$40.00
Manley	3.00	25.00	B. Market	3.00	25.00
H. Fenn	2.50	20.00	Fair Maid	2.50	20.00
Wolcott	2.50	20.00	Lawson	2.50	20.00

Mrs. M. A. Patten, $6.00 100; $50.00 1000.
Henry A. Stevens Co., East St., Dedham, Mass.

Carnation rooted cuttings.

	100	1000		100	1000
Enchant.	$4.00	$30.00	Joost	$1.25	$10.00
Lawson	1.50	12.50	Marquis	1.25	10.00
B. Mkt.	3.00	20.00	W. Cloud	1.50	12.50
F. Hill	1.25	10.00	Q. Louise	1.25	10.00
Estelle	2.50	20.00	Prosperity	2.00	15.00

W. C. Hill Floral Co., Streator, Ill.

Carnations, well-rooted, ready now.

	100	1000		100	1000
W. Lawson	$6.00	$50.00	Enchant'ss	$3.50	$30.00
Mrs. Patten	6.00	50.00	The Queen	3.00	25.00
Flamingo	6.00	50.00	B. Market	3.00	25.00
Albatross	6.00	50.00	Fair Maid	2.50	20.00
N. Fisher	6.00	50.00	Mrs. Lawson	2.50	20.00

Imperial Greenhouses, Utica, N. Y.

Surplus stock of fine carnations, such as Joost, Floriana, Dorothy, Glacier, Flora Hill, Queen Louise, Lillian Pond, Roosevelt, at $5.00 per 100, or will exchange for Princess of Wales violets.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Our specialty, in carnations, is UNROOTED CUTTINGS. We have the best varieties for business. Fair Maid, Mrs. Thos. W. Lawson, Boston Market, Queen, $10.00 per 1000; 250 or more at 1000 rate. Careful packing and prompt shipment. Cash, please.
STEPHEN CHASE, Nashua, N. H.

Carnation rooted cuttings.

White Lawson	$7.00	100, $60.00 1000
Flamingo	7.00	100, 60.00 1000
Lady Bountiful	6.00	100, 50.00 1000
Nelson Fisher	6.00	100, 50.00 1000
Crusader	6.00	100, 50.00 1000

John Breitmeyer's Sons, Detroit, Mich.

The CARDINAL is the best scarlet carnation to be introduced this season. Rooted cuttings ready Jan. 1, 1905.
Orders booked by
E. G. Hill Co., Richmond, Ind.
Chicago Carnation Co., Joliet, Ill.
S. S. Skidelsky, 824 No. 24th St., Phila.

Heavily rooted cuttings, 1,500 Prosperity, 2,500 Joost, 1,000 Queen Louise, 250 Albertini, 200 Higinbotham, 100 Cressbrook, $2.00 100; $17.50 1000 while they last; C. O. D., or if cash is sent with order express will be prepaid.
South Bend Floral Co., South Bend, Ind.

The best big-flowered, general purpose scarlet carnation now before the trade is CARDINAL. We also have Fiancee and Fred Burki. All three at $12.00 per 100, $100.00 1000. Send for our trade list. E. G. HILL CO., Richmond, Ind.

Orders taken for strong, healthy rooted cuttings. Price per 1000, Enchantress, $30.00; Prosperity and Nelson, $25.00; Lawson, Estelle and Wolcott, $20.00; Q. Louise and H. Maid, $15.00. Henry Baer, R. F. D. 3, Peoria, Ill.

Carnation WM. PENN, a new pink well worth a trial by every grower of carnations. Send for descriptive list now.
Albert M. Herr, Lancaster, Pa.

Rooted carnation cuttings. Write for prices.
The Philippi Nurseries, Rocklin, Cal.

CARNATIONS—Continued.

PALMER'S RED LAWSON, sport from the famous Mrs. Thos. Lawson. Planted May 18, in full crop middle of August. Rooted cuttings, $10.00 100; $40.00 500; $75.00 1000.
W. J. Palmer & Son, Lancaster, N. Y.

Well-rooted cuttings, ready now. Per 100:

Enchantress	$2.50	Lawson	$1.50
Fairmaid	2.50	Flora Hill	1.00
Boston Market	2.50	Joost	1.00

F. P. Sawyer, Clinton, Mass.

Rooted carnation cuttings.

	100	1000		100	1000
W. Lawson	$6.00	$50	Enchantress	$3.50	$30
Flamingo	5.00	40	The Queen	2.50	20

The Cardinal, January delivery, $12.00 per 100. Larchmont Nurseries, Larchmont, N. Y.

Carnations, extra fine.

Fred Burki	$12.00 100,	$100.00 1000
Cardinal	12.00 100,	100.00 1000
Fiancee	12.00 100,	100.00 1000

S. S. Pennock, 1612 Ludlow St., Phila., Pa.

Carnations. Selected young stock of Flamingo, Enchantress, Queen, Queen Louise, Wolcott, Lawson, Floriana, Lord and Fiancee. Write for prices. Robt. C. Pye, Nyack, N. Y.

MY MARYLAND, the largest, most productive, most profitable white carnation yet raised will be disseminated in 1906. Write us about it.
H. Weber & Sons, Oakland, Md.

Field-grown carnation plants, strong and bushy, 1500 Lillian Pond, 300 Flora Hill, 75 Morning Glory, 150 Glacier.
Evenden Bros., Williamsport, Pa.

Unrooted carnation cuttings of Enchantress, $2.00 100; Lawson, $1.00 100; Crane, America and F. Hill, 75c 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Rooted cuttings, 30 varieties. Prices reasonable. Write
California Product Co., 8 Taylor St., San Francisco, Cal.

Unrooted carnation cuttings, Lawson and Boston Market, $1.00; Enchantress, $2.00 per 100.
E. V. Myers, Florist, St. Joseph, Mo.

Mrs. Fisher, rooted cuttings from soil, $1.50 per 100; $12.00 per 1000.
G. Hanson, So. Cameron St., Harrisburg, Pa.

Carnations. Novelties and standards. Write
F. Dorner & Sons Co., Lafayette, Ind

CHRYSANTHEMUMS.

Chrysanthemum stock plants, all the best new things and the best of the standard sorts. Willowbrook, W. H. Chadwick, Maud Dean, Mrs. Perrin, Pacific, Hero of Mafeking, Lady Harriott, Mrs. Robinson, Mrs. O. P. Bassett, Mrs. Jerome Jones, Maj. Bonnaffon, Opah, Omega, Pink Ivory, Polly Rose, $5.00 per 100. Lord Salisbury, Mrs. T. W. Pockett, Mrs. Coombes, Mabel Morgan, Marie Liger, Nellie Pockett, Alice Byron, Mrs. F. S. Vallis, S. T. Wright, Col. Appleton, F. S. Vallis, Golden Beauty, Golden Wedding, Timothy Eaton, V. Morel, White Bonnaffon, Percy Plumridge, Jennie Falconer, $10.00 per 100. Durban's Pride, Mrs. Thirkell, Ben Wells, Cheltoni, F. A. Cobbold, Gen. Hutton, Henry Barnes, Harrison Dick, Kimberly, Leila Filkins, Mildred Ware, Maynell, Mary Inglis, W. Duckham, Dr. Enguehard, $15.00 per 100.
Cash with order, or 25% cash with all C. O. D. orders. 5 of any one variety at 100 rate.
Warrick Bros., 498 Locust Ave., Washington, Pa.

CHRYSANTHEMUM STOCK PLANTS.
White—Estelle, Kalb, Robinson, Wanamaker, Eaton, White Mayflower, Ivory, Chadwick, Jerome Jones, White Bonnaffon.
Yellow—October Sunshine, Monrovia, Omega, Bonnaffon, Mournier, Yellow Mayflower, Yellow Jones, Appleton, Golden Wedding, Golden Beauty, Yellow Eaton.
Pink—Wm. Duckham, J. K. Shaw, Lavender Queen, Marion Newell, Richardson, Marie Liger, Viviand-Morel, Mrs. Murdock, Perrin, Pacific.
Red—Oakland, M. P. Labbe.
Price, 10 cents each; $1.00 doz.
WIETOR BROS., 51 Wabash Ave., Chicago.

Chrysanthemum stock plants.

	Each	12		Each	12
Dr. Enguehard	35c	$3	Rockford	25c	$3
W. Mrs. Tranter	35c	3	Uncle John	35c	3
American Beauty	35c	3	Mrs. Probin	35c	
S. J. Wright	50c	5	Mrs. Newell	35c	

Pacific, Polly Rose, Willow Brook, Ivory, Mrs. J. Jones, 10c ea.; $6.00 100. Orizaba, Halliday, Monrovia, Merry Xmas, Liger, H. Sinclair, 10c ea.; $7.00 100.
H. Weber & Sons, Oakland, Md.

Chrysanthemums. Strong stock plants of Dr. Enguehard, $1.00 per doz. Silver Wedding, Col. D. Appleton, Mrs. Jerome Jones, Columbia, Gratea, W. K. Rieman, Helen Bloodgood, Marie Liger, White Bonnaffon, Mrs. S. J. Tranter, 75c per doz.
C. W. Reimers, Hite Ave., Louisville, Ky.

Among the new varieties which we had on trial for this year are some magnificent sorts, 9 of which have been awarded certificates. Send for our trade list which gives varieties, prices and full descriptions of each.
E. G. HILL CO., Richmond, Ind.

The new white chrysanthemums, MAJESTIC and ADELIA were World's Fair prize winners. Having an immense stock of rooted cuttings of these two varieties we offer them at the low price of $3.00 doz.; $15.00 100; $125.00 1000. From 2-in. pots, 5c additional. Madonna, a fine pink, at same prices.
JOHN BREITMEYER'S SONS, Detroit, Mich.

Chrysanthemum stock plants. Per 100:

Bonnaffon	$ 5.00	Pink Ivory	$ 5.00
White Bonnaffon	5.00	Mrs. Weeks	5.00
Goldmine	5.00	Marie Liger	12.00
Jerome Jones	5.00	Chadwick	12.00
Convention Hall	12.00	Yellow Eaton	12.00

G. Hanson, So. Cameron St., Harrisburg, Pa.

Chrysanthemum stock plants of Balfour, Halliday, White and Yellow Bonnaffon, Appleton, Minnie Bailey, Ivory, Eaton, Pacific, Kalb, Whilldin, Estelle and Duckham. Write for prices. We have a large stock of Ivory.
Wm. Swayne, Box 226, Kennett Square, Pa.

Chrysanthemum novelties. We are headquarters for the best new varieties, Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Mileham, Lady Cranston, A. J. Miller, Mrs. D. V. West, etc. Complete list now ready. Send for copy. Chas. H. Totty, Madison, N. J.

Chrysanthemums Wm. Duckham, Dr. Enguehard, A. J. Balfour, Alice Byron, white and yellow; Golden Chadwick, Yellow Eaton, Appleton, Omega and Marion Newell, large, good healthy clumps. Write for prices.
The B. K. & B. Floral Co., Richmond, Ind.

Chrysanthemum stock plants. Coombes, Robinson, Halliday, Tranter, Alice Byron, Chamberlain, Golden Wedding, Cadbury, $5.00 per 100. These plants were grown in solid beds, making extra fine clumps.
The Summerfield Floral Co., Springfield, Mo.

New pink chrysanthemum, Dr. Enguehard, $2.00 doz., $15.00 100. Cash or satisfactory reference. Jos. Tailby & Son, Wellesley, Mass.

Chrysanthemum novelties. Fine, large stock plants of Duckham chrysanthemum, $1.25 per doz. Robt. C. Pye, Nyack, N. Y.

Rooted cuttings of Bonnaffon and Mrs. Robinson chrysanthemums; 1000 of each at $1.00 per 100. W. H. Drake, Kenosha, Wis.

White Maud Dean stock plants, 25c each, $2.50 per doz., identical with Pink Maud Dean.
Evenden Bros., Williamsport, Pa.

Chrysanthemums. Wm. Duckham, extra fine, strong clumps, $1.00 per doz.
Larchmont Nurseries, Larchmont, N. Y.

BUSINESS BRINGERS—
REVIEW Classified Advs.

CINERARIAS.

Cinerarias, very fine, stocky plants, select strain, ready for 3½-in. pots, $3.00 per 100.
Port Alleghany Greenhouses, Port Alleghany, Pa.

CLEMATIS.

Large-flowered clematis, purple, lavender, white and red sorts, 2 yr., 18c; 1 yr., 9c.
W. H. Salter, Rochester, N. Y.

COLEUS.

Coleus rooted cuttings, 60c per 100, $5.00 per 1000; 2-in., $2.00 100, $18.00 1000. Golden Bedder, Verschaffeltii and other varieties. Orders booked for future delivery.
E. B. Randolph, Delavan, Ill.

Coleus, rooted cuttings, fine, strong, bushy plants; choice varieties from 2½-in. pots, $2.50 per 100.
O. B. Wisner, 2476 Cherry St., Toledo, O.

Coleus, 10 best varieties, 2¼ or 2½-in., $2.50 100, $20.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Coleus rooted cuttings, 40 var., 70c 100; $6.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Coleus, rooted cuttings, 15 best bedders, 50c 100, $4.00 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Coleus, good varieties, 2¼-in., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Coleus, R. C., 12 varieties, 60c per 100. Cash, please. Converse Greenhouses, Webster, Mass.

CUPHEAS.

Cupheas platycentra, rooted cuttings, 60c 100, $5.00 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

CYCLAMEN.

Cyclamen giganteum, large flowering plants in bud, 3-in., $5.00 per 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen giganteum, 3-in., fine plants, $7.00 100. Cash, please. Fred Grohe, Santa Rosa, Cal.

Cyclamen, fine plants, in bud and bloom, $3.00 doz. Carl Meier, Green Bay, Wis.

DAHLIAS.

DAHLIAS. Pot roots for immediate shipment. Every section, including the popular CACTUS dahlias, at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 100. These are postpaid terms; note this when comparing prices.
Twelve seedling CACTUS dahlias, all 1903 sorts, and certificated by the Dahlia societies in England, $2.50 postpaid.
1904 seedling CACTUS dahlias. A rare opportunity; only a few to offer at $1.25 each, postpaid, in quantities of not less than 4 sorts, or 1 of each (there are 16 of them) for $16.00, postpaid.
Terms: Cash with order. Catalogue free.
Hobbies Limited, Norfolk Nurseries, Dereham, England.

MRS. WINTERS, still the leading white. My sales of this variety for the past two years were phenomenal; also INGEBORG EGELAND, the new scarlet cactus. Do not fail to list these two novelties. Also fine stock of leading novelties and standard varieties. Catalogue of dahlias, peonies, hollyhocks, gladioli and hardy plants, now ready.
W. W. WILMORE, Dahlia Specialist,
Box 382, DENVER, COLO.

DAHLIAS. Half a million pot roots ready for dispatch. The largest and most up-to-date collection in the world. Special low quotations to the trade upon receipt of requirements. Catalogues free.
The Horticulture Company, Champion Dahlia Specialists, Cheadle-Hulme, Cheshire, England.

Dahlia roots. Good selection of standard varieties, $5.00 100; $40.00 1000. Mixed, $4.00 100; $35.00 1000. Send for list.
R. Vincent, Jr. & Son, White Marsh, Md.

Dahlias, over 200 distinct varieties, new and up-to-date in all classifications. List and prices on application.
Palisades Nurseries, Sparkill, N. Y.

DAISIES.

Orders booked now for Mr. Burbank's
NEW SHASTA DAISIES
ALASKA, CALIFORNIA, WESTRALIA
$3.00 doz.; $15.00 100. Having obtained my stock from Mr. Burbank, it is warranted to be pure and true to name. Plants ready now. Postal for circular. Shasta daisy "Shasta," strong field plants, $3.00 100. Small plants, one-third less. Prepaid. Cash, please.
Fred Grohe, Santa Rosa, Cal.

Shasta daisies, 2½-in. pots, extra strong plants from assorted blooms, $3.00 100; $25.00 1000. National Plant Co., Dayton, Ohio.

Daisies, $1.00 per 100.
S. D. Brant, Clay Center, Kan.

DRACÆNAS.

Dracaena indivisa, 6 to 10 inches high, fine stock to grow on, $5.00 per 1000.
Golden State Plant and Floral Co., Santa Monica, Cal.

Dracaena indivisa, 2¼ or 2½-in., $3.00 100, $25.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Dracaena indivisa, strong 2½-in., $2.50 per 100; 4-in., $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Dracaena terminalis, nicely colored, 4-in. stock, at $15.00 per 100.
Werick Bros. Co., Pine Ridge, Buffalo, N. Y.

Dracaena Bruanti, 6-in., 20 to 25 inches high, 50c each, $5.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Dracaena indivisa, 5-in. pots, 20c; 6-in. pots, 25c. T. W. A. Smith, Biddeford, Me.

EUPHORBIAS.

Euphorbia splendens, 2½-in., $7.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

FARFUGIUMS.

Farfugium grande, bushy, 3-in., $10.00 per 100. Iowa Seed Co., Des Moines, Iowa.

FERNS.

Cibotium Schiedei, the most magnificent tree fern in cultivation, extra large specimens, 12-in. pots, $15.00 each, $25.00 pair; 10-in. pots, $5.00 each, $9.50 pair; 8-in. pots, $2.75 each, $32.00 doz.; 7-in. pots, $1.75 each, $20.00 doz. Assorted ferns, 4-in., suitable for large jardinieres and basket work, in 10 good varieties, $15.00 100; fine bushy stock from 2¼-in. pots, in all the best varieties, $3.00 100, $25.00 1000, 500 at 1000 rate.
Anderson & Christensen, Short Hills, N. J.

Boston ferns, 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100. Pierson rooted runners, $2.00 100. Scottii, $5.00 100.
Davis Bros., Geneva, Ill.

Boston ferns, 3-in., 6c; 4-in., 12c; 5-in., 25c; 6-in., 35c; 7-in., 60c. Pierson ferns, 3-in., 8c; 4-in., 15c. S. M. Harbison, Danville, Ky.

A few thousand Pierson ferns, strong, from beds, $12.50 per 1000; Boston ferns, $10.00 per 1000. Cash. Other sword ferns, very low. Send for special list.
A. L. Hatch, Rockledge, Fla.

Boston ferns, 3-in. pots, $4.00 100; 4½-in., $6.00 100; 5-in., $10.00; 6 and 7-in., $15.00 100. Wrapped and packed securely against frost. Cash.
F. A. Walker & Co., Box 316, New Albany, Ind.

Boston ferns, extra fine stock cut from bench for 5, 6, 7, 8-inch pots, at $25.00, $50.00, $75.00, $100.00 per 100.
L. H. Foster, 45 King St., Dorchester, Mass.

Nephrolepis Scottii, 6-in., pot-grown, ready for 8-in., $15.00 doz.; 7-in., $24.00 doz.; 8-in., $36.00 doz.
John Scott, Keap St., Brooklyn, N. Y.

Boston ferns in 2½-in. to 10-in. Piersoni, 2½-in. to 7-in. Scottii, 4-in. to 6-in.
Geo. A. Kuhl, Pekin, Ill.

Boston ferns. Stocky plants with short fronds, good value; 6-in. pots, 50c each, $6.00 doz. J. W. Young, Germantown, Phila., Pa.

Boston ferns taken from bench, $10.00, $15.00, $20.00, $25.00 and $50.00 per 100. Extra fine stock. Wm. A. Bock, No. Cambridge, Mass.

Boston ferns, fine plants, 5-in. pots, 20c; 4-in. pots, 15c. Nephrolepis Fosteriana, fine, 4-in. pots, 15c. T. W. A. Smith, Biddeford, Me.

Boston ferns, 2½-in., $5.00 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c; 6-in., 40c; 7-in., 90c.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Boston ferns, well-established, 2¼ or 2½-in., $30.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Boston ferns, 5 to 6-in., 25c to 50c each; specimens, 8-in., $1.00 each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Boston ferns, 3, 4 and 5-in. Fine stock. Write for lowest prices.
Swan Peterson Floral Co., Gibson City, Ill.

Boston ferns, 3-in., 4-in. and 5-in., 8c, 15c and 20c.
Rhoten Bros. & Co., Box 5, Danville, Ill.

Special discount on Boston and Pierson ferns.
J. B. Braidwood, Colorado Springs, Colo.

Boston ferns, 5-in. pots, 25c; 6-in. pots, 35c.
H. W. Field, Northampton, Mass.

Boston ferns, 4-in., fine stock, $15.00 100.
Converse Greenhouses, Webster, Mass.

GARDENIAS.

Gardenia grandiflora plants, field-grown and healthy 1-yr. plants, 12 to 18 in., well-rooted and branched, $3.00 per doz., $18.00 per 100; 2-yr. plants, very fine, $5.00 per doz., $25.00 per 100, 50 at 100 rate. I prepay express charges.
Wm. C. Steele, Alvin, Tex.

Cape Jessamines, Gardenia Florida, strong and stocky, 3 to 6-in., $2.00 100; $18.00 1000; 6 to 8-in., $3.00 100; $25.00 1000. Field-grown plants, 12 to 18-in., $10.00 100.
John Monkhouse, Jewella, La.

Gardenias. Grandiflora Cape Jessamine our leading specialty, 1-yr., 18-24-in., $1.50 doz., $10.00 100. Dormant now and until Feb. 25.
C. W. Benson, Alvin, Tex.

GENISTAS.

Genistas, 3-in., $4.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

GERANIUMS.

Geraniums; good, strong, stocky plants from 2¼-in. pots.

Double.	12	100	1000
Bruanti, dbl. orange red	40c	$2	$20.00
Centaure, beautiful rose pink	40c	2	17.50
C. de Harcourt, pure white	40c	2	20.00
Dbl. Gen. Grant, vermilion scarlet	40c	2	17.50
Gloire de France, white, pink shading	40c	2	17.50
Jean Viaud, bright rose pink	40c	2	17.50
Le Cid, dark scarlet crimson	40c	2	17.50
La Favorite, pure white	40c	2	20.00
Miss F. Perkins, light pink	40c	2	20.00
Miss Kendall, dark cerisette	40c	2	20.00
Mme. Charrott, rosy salmon pink	40c	2	20.00
Mme. Barney, rose pink	40c	2	20.00
Mme. Buchner, white	40c	2	20.00
Mme. Landry, apricot salmon	40c	2	17.50
Mme. Canovas, dark maroon	40c	2	20.00
S. A. Nutt, scarlet crimson	40c	2	20.00
Singles.			
Granville, rose pink	40c	2	17.50
L'Auba, pure white	40c	2	17.50
Queen of the West, orange scarlet	40c	2	17.50
Sgl. Gen. Grant, crimson scarlet	40c	2	17.50

SPECIAL PRICE FOR THIS WEEK.
Not less than 250 of any one variety of the following at $15.00 per 1000; 6000 for $100.00: Dbl. Gen. Grant, Gloire de France, Jean Viaud, Mme. Landry, Granville and Queen of the West.
Send for our descriptive geranium catalogue.
R. Vincent, Jr. & Son, White Marsh, Md.

Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong 2½-in. plants, $5.00 per 100.
ANDREW PETERSON, Paxton, Ill.

Geranium cuttings, well rooted. Nutt, La Favorite, Paul Bruant, R. R. Gosslin, Dbl. Salmon Pink, Mme. Salleroi, all good strong top cuttings at $1.25 per 100. Cash with order.
Logan Avenue Greenhouses, 1227 Logan Avenue, Danville, Ill.

Geraniums Nutt, Ricard, Poitevine, Mme. Barney, etc., strong stock from 2¼ or 2½-in., $25.00 1000. Our selection of varieties in assorted colors, $20.00 1000. 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Geraniums, well-rooted cuttings of S. A. Nutt, Le Soleil, Beaute Poitevine, Mme. Buchner, Mme. Landry, De Harcourt, rose scented, $1.25 100, $10.00 1000. Cash.
C. B. Shisler, Williamsville, N. Y.

Geranium PETER HENDERSON, a very much improved double Grant, should be in every growers' collection.
Strong rooted cuttings delivered free at 50c per doz. Albert M. Herr, Lancaster, Pa.

Geraniums, mixed; fine, stocky plants in 2¼-in. pots. Bruant, S. A. Nutt, Castaline, Jean Viaud and other leading bedders, $1.75 per 100.
Buterbaugh & Sprinkle, Waynesboro, Pa.

Geraniums, double, single and ivy leaf varieties; strong plants, $3.00 100, $25.00 1000; strong rooted cuttings, $2.00 100, $15.00 1000.
Wood Bros., Fishkill, N. Y.

Geraniums, rooted cuttings. S. A. Nutt, Paul Bruant, Viaud, B. Poitevine, Mrs. E. G. Hill, Buchner, $1.50 100, $14.00 1000.
The W. T. Buckley Co., Springfield, Ill.

Fine geraniums, 2½-in. pots, $2.00 100. Jean Viaud, E. G. Hill, Ricard, Happy Thought, Crystal Palace Gem.
National Plant Co., Dayton, Ohio.

Strong rooted geranium cuttings; also 2½-in. stock; leading varieties, true to name.
Gloede, Evanston, Ill.

Geraniums, best sorts, 2½-in., $2.00 per 100, rooted cuttings, $1.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Geraniums, R. C., leading varieties, $1.00 per 100. Cash, please.
Converse Greenhouses, Webster, Mass.

Rooted geranium cuttings, $1.25 per 100. Cash, please. Fred Grohe, Santa Rosa, Cal.

Apple scented geranium, 2-in., $3.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

GLADIOLI.

Gladioli. Highest quality grown in the world. Groff's hybrids and other sorts the best obtainable. See display adv. in this issue.
Arthur Cowee, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.

We are headquarters for gladioli. Over 100 acres under cultivation. We have the largest and finest stock in existence. Write for special prices on large quantities.
John Lewis Childs, Floral Park, L. I., N. Y.

Gladiolus bulbs. May and Groff's hybrids (both genuine). All sizes for sale cheap. Cash, please. P. O. Coblentz, New Madison, Ohio.

Gladiolus Colvillei. The Bride, pure white, forcer, 65c 100; $6.00 1000.
H. H. Berger & Co., 47 Barclay St., N. Y.

PAN-AMERICAN GLADIOLI, fine bulbs, $6.00 per 1000.
Central Michigan Nursery, Kalamazoo, Mich.

Bulbs and bulblets. Colors or mixed. Write for prices. E. E. Stewart, Rives Junction, Mich.

Gladiolus bulbs. State wants, for prices.
John Fay Kennell, Chili Center, N. Y.

Our gladiolus bulbs are good. Try them.
Cushman Gladiolus Co., Sylvania, O.

GREVILLEAS.

Grevillea robusta, 2-in., $3.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

HARDY PLANTS.

Boxwood pyramids, 4 ft., $150.00 100; 3 ft., $100.00 100. Boxwood for pots, fine stock, $25.00 100. Rhododendrons, hybrids for forcing, $50.00 100; larger size, $75.00 to $100.00. Azalea mollis, well budded, $25.00 100; standards, $50.00 100; extra, $75.00 100. Deutzia gracilis, $13.00 100; D. Lemoinei, $15.00 100. Hydrangea paniculata grandifl., $15.00 100. Lilacs, $45.00 100. Aristolochia Sipho, extra fine, $45.00 100. Dielytra spectabilis, fine roots, $7.50 100. Magnolia in variety, large plants, $150.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Extra fine blue spruce (Koster), from 2 to 5 ft. high, taxus in all sizes, conifers, hardy shrubs, etc. All strictly first-class. Catalogue free. Van der Weijden & Co., Boskoop, Holland.

For your trees, shrubs, vines and small fruits send to WM. H. MOON CO., Morrisville, Pa.

Now is the time to book your orders for Japanese nursery stock for spring delivery. Send for catalogue.
Suzuki & Iida, 31 Barclay St., N. Y.

I am closing out J. H. H. Boyd's stock of seedlings. Write me for wholesale trade price list.
F. C. Boyd, Gage, Sequatchie Co., Tenn.

Perennials; many acres, including all the best commercial and florists varieties. Send for list with prices. Palisades Nurseries, Sparkill, N. Y.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

Shrubs, plants, bulbs. Wholesale or retail. Write D. Rusconi, Importer, 32 West 6th St., Cincinnati, O.

Apple seedlings, apple grafts, forest tree seedlings and general nursery stock.
Shenandoah Nurseries, Shenandoah, Iowa.

We handle the best grade of nursery stock only. Send for our catalogue.
Western Seed Co., Shenandoah, Iowa.

Trees and shrubs, fine varieties, low prices. Send for catalogue.
Peterson Nursery, 504 W. Peterson Ave., Chicago.

Rudbeckia, extra choice large clumps, $5.00 100. John Brod, Niles Center, Ill.

HELIOTROPES.

Heliotropes, dark purple and blue, named varieties, 2¼ or 2½-in. pots, $3.00 100, $25.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Heliotropes Mme. Bionay and Le Poitevine, rooted cuttings, $1.00 100, $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Heliotrope rooted cuttings, 12 var., $1.00 100, $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Heliotropes, light and dark, rooted cuttings, $1.00 100. Cash, please.
Fred Grohe, Santa Rosa, Cal.

Heliotropes, 2¼-in., fine stock, $2.00 per 100. Cash. W. H. Parsil, Summit, N. J.

Heliotropes, good varieties, 2¼-in., $2.00 100.
R. Vincent Jr. & Son, White Marsh, Md.

BUSINESS BRINGERS—
REVIEW Classified Advs.

HIBISCUS.

Hibiscus Peachblow, grandest variety out, 2¼ or 2½-in., $3.00 100.
Storrs & Harrison Co., Painesville, O.

Hibiscus Peachblow, 2-in., $3.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

Hibiscus, 3 varieties, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

HOLLYHOCKS.

Hollyhocks. Large field-grown plants, $3.00 per 100. Double varieties in red, white, pink, yellow and maroon; also the Allegheny strain in mixture at same price. Catalogue of peonies, hardy plants, gladioli and dahlias now ready.
W. W. WILMORE, Box 382, Denver, Colo.

Hollyhocks, dbl. white, mixed, 3-in., $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

HYDRANGEAS.

Hydrangea Otaksa, dormant, with 4 to 6 flowering crowns, $5.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

Hydrangea pan. grand., bushy plants, 8c.
W. H. Salter, Rochester, N. Y.

IVY.

Ivy. Strong, field-grown, English plants, with many runners, 3 to 4 ft., 75c doz., $6.00 100, $50.00 1000. Palisades Nurseries, Sparkill, N. Y.

Hardy English ivy, $2.00 100, $15.00 1000.
R. Vincent Jr. & Son, White Marsh, Md.

German ivy, 2¼ or 2½-in., $2.50 100.
Storrs & Harrison Co., Painesville, O.

JAPANESE NOVELTIES.

Japanese tiny plants and dwarfed trees of many varieties in attractive Japanese pots. An immense stock and the only stock of these novelties in the country; great value, first-class sellers, wonderfully unique and attractive. Price, $25.00 per 100.
Suzuki & Iida, 31 Barclay St., N. Y. City.

LANTANAS.

Lantanas Amiel, Le Poitevine, Argus, Snowball, Ultimo, Craigi and delicatissema, rooted cuttings, $1.00 100, $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Lantanas, 10 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

LEMONS.

Lemons. Ponderosa or American Wonder, nice 2-in. plants, $3.00 per 100; strong 4-in., $18.00. Iowa Seed Co., Des Moines, Iowa.

LILACS.

Lilacs for forcing. M. Le Graye, etc., $7.20 doz., $45.00 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

LILY OF THE VALLEY.

Lily of the valley pips from cold storage for immediate forcing. Hamburg, 1 yr. in cold storage, $1.25 100; $10.00 1000. High-grade 3-yr.-old Berlin, $13.00 1000; $31.00 per case of 2500. Highest grade 3-yr.-old Berlin, $12.00 1000; $23.00 per case of 2000. Can arrange to keep in cold storage here if desired.
Johnson & Stokes, 217-219 Market St., Phila.

Bruns' extra fine Berlin pips for early forcing, always give satisfaction. This year's stock is better than we ever had; $1.25 per 100, $12.00 per 1000, $29.00 per case of 2500.
Cold storage lily of the valley, the finest cut valley for the holidays, $1.75 per 100, $15 per 1000.
H. N. Bruns, 1409 W. Madison St., Chicago

Russian lily of the valley, the best for early or late forcing, $15.00 per 1000, $32.50 per 2500; $125.00 per 10,000.
Stumpp & Walter Co., 50 Barclay St., N. Y.

Lily of the valley. Best Berlin pips, 3-yr.-old stock, $1.25 100; $10.75 1000; $25.00 per case of 2500.
H. F. Michell Co., 1018 Market St., Phila.

Choice lily of the valley pips.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Lily of the valley forcing pips, fine variety.
Julius Hansen, Pinneberg, Germany.

Lily of the valley pips and clumps. Write
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

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MEXICAN PLANTS AND SEEDS.
We have the largest and finest stock in Mexico of ORCHIDS, CACTI, AGAVES, ETC.
We have just published our illustrated and descriptive cultural catalogue for Orchids and Cacti. Send 10 cents in postage stamps for it. Price list free.
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P. O. Box 628. MEXICO CITY.

MIGNONETTE.

Mignonette. Allen's Defiance, 2½-in., $2.00 per 100. J. C. Schmidt Co., Bristol, Pa.

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Moon vines, white and blue, 50c doz., $3 100. R. Vincent, Jr. & Son, White Marsh, Md.

MUSHROOM SPAWN.

Mushroom spawn.
W. C. Beckert, Allegheny, Pa.

MYRTLE.

Crape myrtle, pink and purple, field-grown, 12 to 18-in., $6.00 100.
John Monkhouse, Jewella, La.

ORANGE TREES.

Orange trees. Write for prices.
The Philippi Nurseries, Rocklin, Cal.

ORCHIDS.

We have always on hand a stock of established and semi-established orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

The most up-to-date and complete collection in the trade, hybrids a great specialty; descriptive and priced catalogue on request.
Charlesworth & Co., Heaton, Bradford, England.

If you want fine ORCHIDS see our adv. under heading Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

PALMS, ETC.

Kentia Forsteriana, made-up plants, 3 in a pot, 5 to 6½-in. pots, 30 inches high, 75c each; 35 to 40 inches high, fine, $1.00 to $1.50 each. Latania borbonica, healthy plants, 5 to 6 leaves, 50c each. Cocos Weddeliana, 3-in., 15c each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Kentia Belmoreana, clean stocky plants with several leaves, 2¼ or 2½-in., $5.00 100, $45.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Chamerops excelsa palm, strong 2-in., $4.00 per 100, by mail.
Golden State Plant and Floral Co., Santa Monica, Cal.

Kentia Belmoreana, from 50c to $5.00 each.
Wm. A. Bock, No. Cambridge, Mass.

Philadelphia-grown palms. Write.
Joseph Heacock, Wyncote, Pa.

Kentia palms. Large assortment.
L. H. Foster, Dorchester, Mass.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

PANSY PLANTS.

500,000 pansies. Safe arrival to southern states guaranteed. Florists' International mixture, strong, transplanted from cold frame, $10.00 per 1000; extra, in bud and bloom, $1.50 per 100; seedlings, $5.00 per 1000.
Ludvig Mosbaek, Onarga, Ill.

Pansy plants of my largest flowering mixture of show varieties, unsurpassed quality; large stocky plants at $3.00 per 1000, 500 at 1000 rate. Gustav Pitzonka, Bristol, Pa.

Giant pansies, to please your trade, $2.00 per 1000. Cash. Safely packed for southern trade. Extras. Byer Floral Co., Shippensburg, Pa.

Giant pansies. Strong plants, early fall sown, in 6 distinct colors or mixed, 50c per 100; $3.00 per 1000. F. A. Baller, Bloomington, Ill.

25,000 extra fine pansy plants, $3.00 per 1000. Parkside Greenhouses, 746 E. 70th St., Chicago.

Pansies. Mme. Perrett and from our own famous strain, $2.50 per 1000, $10.00 per 5000.
J. C. Schmidt Co., Bristol, Pa.

Pansy plants, 60c 100, $2.50 1000. Cash.
Jos. H. Cunningham, Delaware, O.

100,000 pansy plants at $10.00 per 1000.
Loomis Carnation Co., L. B. 115, Loomis, Cal.

PELARGONIUMS.

Pelargoniums, mixed, 3-in. pots, $5.00 per 100; $1.00 per doz. All fine plants, Cottage stock. David N. Rehr, Lehighton, Pa.

Pelargonium rooted cuttings, 15 var., $2.25 100. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Pelargoniums, 2-in., $2.50 100; mixed varieties. Cash, please.
Converse Greenhouses, Webster, Mass.

PERISTROPHES.

Peristrophe angustifolia, rooted cuttings, $1.00 100, $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

PETUNIAS.

Dreer's superb double petunias. For nearly 50 years we have made a specialty of double petunias, and our strain is accepted as second to none either here or in Europe. We offer 15 distinct varieties in 2¼-in. pots at 60c doz., $4.00 100, the set of 15 for 75c; 3-in. pots, 75c doz., $6.00 100, the set of 15 for $1.00.
H. A. Dreer, Philadelphia, Pa.

Petunias, rooted cuttings; single, from California Giants, one of the finest collections in California, flowers from 4 to 6 inches across; double, from Dreer's and Henderson's sets, $1.25 100. Cash, please.
Fred Grohe, Santa Rosa, Cal.

Petunia rooted cuttings, 20 var., $1.25 100, $10.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Petunias, dbl. fringed, 6 distinct novelties, $1.25 100; $10.00 1000.
The W. T. Buckley Co., Springfield, Ill.

PRIMULAS.

New primrose BUTTERCUP, primula floribunda, fine plants out of 2½-in. pots, $10.00 per 100.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Primula chinensis fimbriata and Primula obconica grandiflora, in bud and bloom from 4-in. pots, $10.00 per 100; from 5-in. pots, $1.80 per doz.
Paul Mader, East Stroudsburg, Pa.

Chinese primroses, in bud and bloom, strong plants, fine strain, 5¼-in. pots, $2.00 doz. if left to our selection, or 20c each if customer's selection. Wm. A. Bock, No. Cambridge, Mass.

Primula Forbesii, 2¼ or 2½-in., $2.50 100, $20.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Primula chinensis, 5 colors, 2 and 3-in., $2.00 and $3.00 100. Cash, please.
Fred Grohe, Santa Rosa, Cal.

PRIVET.

California privet well-branched, 15 to 20-in., $1.00 100. John Monkhouse, Jewella, La.

California privet and other hedge plants are specialties. Wm. H. Moon Co., Morrisville, Pa.

ROOTED CUTTINGS.

Rooted cuttings of fuchsias, feverfew, $1.25 100; coleus and ageratum, 60c 100; salvias and vincas, $1.00 100. Cash with order.
Ernest Harris, Delanson, N. Y.

Rooted cuttings, prepaid. Per 100: Ageratum Gurney, 60c; alternantheras, best red and yellow, full rooted, extra strong, 50c; fuchsias, 5 fine sorts, $1.25; giant Marguerite daisy, white, $1.00; coleus, best bedders, 50c; Salvia splendens, 75c. Cash.
Byer Floral Co., Shippensburg, Pa.

ROSES.

Our new red rose RICHMOND is best red forcing variety yet produced. It was awarded the silver cup at the World's Fair for the best seedling rose, and a special silver cup at Chicago for best seedling. Price: Own root plants, $30.00 per 100, 250 for $70.00, 1000 for $250.00; 500 at 1000 rate.
ROSALIND ORR ENGLISH, our pink seedling from Mme. Chatenay, was awarded certificate of merit at the Chicago show. Price: $25.00 per 100, $200.00 per 1000.
Both of these varieties are easy to propagate and easy to grow. If it isn't convenient for you to come to Richmond and see them, write to us for full particulars.
E. G. HILL CO., Richmond, Ind.

Choice H. P. roses, strong 2 year plants, grown under glass to insure thoroughly ripe wood and buds (these bloom far better than out-door roses in pots). American Beauty, crimson; La France, light red; Margaret Dickson, white; Mme. C. Wood, scarlet crimson; Jacqueminot, crimson, $2.00 doz., $15.00 100.
F. A. Baller, Bloomington, Ill.

Crimson Rambler roses, extra, $15.00 100. H. P. roses, etc., as long as stock lasts, $10.00 100. Ulrich Brunner, American Beauty, Anne des Alpes, Gen. Jacqueminot, Gen. Washington, La France, Mabel Morrison, Magna Charta, Mrs. J. Laing, Prince C. de Rohan, Paul Neyron, Paeonia, Reine Marie Henrietta, etc.
F. W. O. Schmitz, Prince Bay, N. Y.

Dormant rose plants, 2½-in. pots. Clothilde Soupert, Maman Cochet, White Maman Cochet, La France, Etoile de Lyon, Marechal Niel, Meteor, Helen Gould, Souv. de Mme. Pierre Notting, Ivory, Papa Gontier, Bride, Maid, Ball of Snow, $2.50 per 100; $20.00 per 1000. Cash, please.
John A. Doyle, Rose Grower, Springfield, O.

Roses for spring blooming. C. Soupert, Jacqueminot, U. Brunner, La France, Magna Charta, Crimson Rambler, etc., fine, field-grown plants, never forced, suitable for 5-in. pots, 7c; larger, for 6-in., 12c. Crimson Rambler, XXX, long tops, 20c. W. H. Salter, Rochester, N. Y.

ROSES, rooted cuttings, January delivery. Bride, Bridesmaid, Golden Gate, Ivory, $1.25 per 100, $10.00 per 1000. Wood selected from healthy, grafted stock. Satisfaction guaranteed. Cash or satisfactory reference.
Baur Floral Co., 20 W. 10th St., Erie, Pa.

Field-grown roses, own roots. Hybrid perpetual, hybrid teas, hardy climbers, everblooming teas, etc. Good assortment of varieties from $6.00 to $12.00 100.
Wood Bros., Fishkill, N. Y.

Crimson Ramblers, our own growing and on their own roots, 2 years, $12.00 100. Other roses—field-grown dormant plants; own roots and budded.
JACKSON & PERKINS CO., Newark, New York.

Maman Cochet roses, extra strong, 2-yr.-old, field-grown, own-root plants, white and pink, bundle of 10 40c, $2.50 100, $110.00 1000.
Palisades Nurseries, Sparkill, N. Y.

We are booking orders for rooted cuttings of Bride, Maid, Liberty, Gate and Beauty roses. Give us a call for cut roses.
Rhoten Bros. & Co., Box 5, Danville, Ill.

LA DETROIT, the new pink rose, now ready for imediate delivery. Fine field-grown plants, $15.00 100; $125.00 1000.
John Breitmeyer's Sons, Detroit, Mich.

Grafted roses. We are booking advance orders for Bride and Bridesmaid stock from 2½-in. pots $100.00 1000.
Edw. J. Taylor, Southport, Conn.

Hardy perpetual standard and dwarf roses, Crimson Ramblers, etc. First-class stock. Catalogue free.
Van der Weijden & Co., Boskoop, Holland.

Baby Rambler, the new rose, strong, dormant plants for immediate delivery; $4.50 doz., $35.00 100. Jas. Vick's Sons, Rochester, N. Y.

5000 strong, 2-year-old American Beauty plants, in good shape for forcing, $8.00 per 100.
Chicago Carnation Co., Joliet, Ill.

Rooted cuttings and 2x2½-in. pots roses in all the leading varieties. Write
Geo. A. Kuhl, Pekin, Ill.

Roses. Marechal Niel, 3-in. pots, $5.00 100.
R. Vincent Jr. & Son, White Marsh, Md.

Rose plants. Get our list before buying.
C. M. Niuffer, Springfield, Ohio.

Kaiserin roses. Write for prices.
Robt. C. Pye, Nyack, N. Y.

ROSE STOCKS.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Ficus elastica, 6-in., 22, 25 to 30 inches high, all perfect leaves from top to bottom, $5.00 to $6.00 doz.; specimens, 7-in., extra good, 75c each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Rubbers from 4-in. pots, 8 to 10 large leaves, $1.75 per doz. J. F. Allen, Orlando, Fla.

Rubber plants from $6.00 doz. up.
Wm. A. Bock, No. Cambridge, Mass.

SALVIAS.

Salvia, rooted cuttings. St. Louis, 75c 100, $6.00 1000. S. officinalis variegata, $1.00 100, $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Salvias, in variety, 2¼-in., $2.00 100; $17.50 1000. Holt's mammoth sage, $2.00 100; $15.00 1000. R. Vincent, Jr. & Son, White Marsh, Md.

Salvias St. Louis and Bonfire, rooted cuttings, $1.00 100, $8.00 1000. Orders booked for future delivery. E. B. Randolph, Delavan, Ill.

Salvias, the two best. Drooping Beauty, dwarf; and Bonfire, tall; 75c 100; $7.00 1000.
W. T. Buckley Co., Springfield, Ill.

Salvia rooted cuttings, 6 var., $1.00 100; $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

SANTOLINAS.

Santolina tomentosa, rooted cuttings, $1.00 100, $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

SEEDS.

	1000	Oz.
NEW CROP flower seeds.		
Verbenas, mammoth—		
Choice mixed, quality unsurpassed	20c	$1.00
Blue, white, purple, scarlet, pink; each	25c	1.25
Petunias—	Trade Pkt.	
New Star, remarkable bloomers	25c	
Dwarf Inimitable, fine for pots	25c	1.25
Giants of California, mixed	50c	
Smilax, new crop—		
One-quarter lb., 60c; pound, $2.00		.20
Salvias—		
Splendens, Bedman or Bonfire	30c	2.00
Stocks—		
Princess Alice, cut and come again.	30c	2.50
Pansy—		
Johnson & Stokes' KINGLY COLLECTION, the finest strain obtainable	30c	5.00

Write for our new florists' list, just issued.
Johnson & Stokes, 217-219 Market St., Phila.

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.
Cineraria. Finest large flowering dwarf, 1000 seeds, 50c.
Phlox pumila compacta. Very dwarf and compact; grand for pots; in finest colors, mixed. Trade pkt., 25c.
Alyssum compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots. Trade pkt., 25c.
Chinese primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.
Pansy. Finest giants, the best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c.
Petunia. New star, from the finest marked flowers, extra choice. Trade pkt., 25c.
Cash. Liberal count of seeds in all packets.
John F. Rupp, Shiremanstown, Pa.

Premium American pansy seeds are selected from plants bearing flowers of the best form and coloring. Our seed makes stronger growing plants than foreign seed.
HESPERIAN, mixed; pkt., 25c; trade pkt., 50c. SELECTED, mixed; we especially recommend this mixture to the trade; pkt., 15c; trade pkt., 30c; ⅛ oz., 70c; 1 oz., $4.00. EXTRA choice mixed, pkt., 10c; trade pkt., 20c; ⅛ oz., 50c; 1 oz., $2.75.
Pansy guide and price list sent free to any address.
Wm. Toole, Pansy Heights, Baraboo, Wis.

	100	1000
New crop flower seeds.		
Asparagus plumosus nanus	$0.60	$5.00
Cyclamen giganteum	.60	5.00
	Oz.	Trade Pkt.
Salvia Bonfire	$2.25	$0.25
Salvia splendens	.90	.20
Stocks, dwarf 10 weeks	2.75	.25
Verbena, mammoth	1.00	.20
Begonia, Vulcan and Bonfire	....	.25
Petunia fim. grandiflora	....	.50
Petunia fim. grandiflora, double.	....	1.00

W. C. Beckert, Allegheny, Pa.

MICHELL'S choice seeds. Asparagus plumosus nanus, fresh from greenhouse, 90c 100 seeds; $7.00 1000 seeds. Salvia Bonfire, the best dwarf scarlet sage, trade pkt., 40c; 1 oz., $2.50. Michell's mammoth verbena, fancy strain, the finest grown; mixed, 30c trade pkt.; 1 oz., $1.50.
H. F. Michell Co., 1018 Market St., Phila.

Just secured another lot of this year's birch seed. Betula lenta and lutea, $1.00 per lb.; populifolia, 50c per lb. 10% discount for cash with order. L. E. Williams, Nottingham, N. H.

Seed of our superb strain of fringed petunias; double, 500 seeds for 75c, 1000 seeds for $1.50; single, 50c per trade pkt. We have been making a specialty of petunias for nearly 50 years and our seed is unsurpassed.
H. A. Dreer, Philadelphia, Pa.

The seed of BENTHEY'S two grand NEW ASTERS will be distributed Jan., 1905. Price: Trade pkt., $1.00; ¼ oz., $2.50; ½ oz., $4.50; 1 oz., $8.00. Write us for full information.
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Aster seed, from the finest plants. Semple's Branching, Shell-Pink (Mary Semple), and white, 1 oz., $2.00; 2 ozs. or more, $1.50 per oz. A. W. Sampson, Penn Yan, N. Y.

If you want fine Mexican seeds, see adv. under heading Mexican Plants and Seeds. Mexican beans, "Frijoles," Cobaes, etc.
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Petunia seed. Try Engle's giant flowered strain of single petunias. Send for circular. Liberal trade pkt., $1.00.
W. J. Engle, R. D. No. 8, Dayton, Ohio.

Asparagus plumosus nanus seed, our own growing, just ripening, 100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $4.00.
B. H. Haverland, Pleasant Run, Ohio.

Asparagus plumosus nanus seed in quantities to suit, $2.25 per 1000; February delivery. Early orders requested.
Rees & Compere, R. F. D. 1, Longbeach, Cal.

Ours are seeds of QUALITY and are ALWAYS reliable. Wholesale catalogue for the asking.
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Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-81 E. Kinzie St., Chicago.

Long Island cabbage seed and American cauliflower; also other special seed stocks.
Francis Brill, Hempstead, L. I., N. Y.

75 lbs. Myatt's Linnaeus rhubarb seed, crop of 1904; fine condition at 40c per lb.
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Fresh crop PEAR SEED, due in December. $250.00 per 100 lbs.
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Wholesale price list of seeds for florists and market gardeners.
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Ratekin's Seed House, Shenandoah, Iowa.

Asparagus plumosus nanus seed, fine, $3.00 per 1000. Albert Buckwell, Woodbridge, Florida.

Asparagus plumosus nanus seed, new crop, 50c 100, cash. Edw. Teas, Joplin, Mo.

Stocks. Princess Alice, pure white, 25c per trade pkt. W. S. Nichol, Barrington, R. I.

Asparagus seeds, 60c 100, $5.00 1000; 5000 for $22.50. Wm. F. Kasting, Buffalo, N. Y.

75,000 Asparagus plumosus seeds, $4.00 1000. Cash. Lewis Ullrich, Tiffin, Ohio.

Carlson's China aster seed; first-class, $1.25 per oz. W. H. Drake, Kenosha, Wis.

Fresh Areca lutescens seed. $3.00 1000.
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Irish shamrocks, strong plants, $4.00 100; 60c doz., by mail. John F. Rupp, Shiremanstown, Pa.

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Smilax, good heavy strings, running from 6 to 8 ft. long, $15.00 per 100 strings, $140.00 per 1000 strings.
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Smilax, 10,000 strong, bushy stock, 2½-in., $1.00 per 100; $9.00 per 1000.
J. C. Schmidt Co., Bristol, Pa.

Smilax from 3 and 4-in. pots, strong, $2.00 per 100.
Alameda Greenhouse, Roswell, N. Mex.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

STOCKS.

Cut and come again. Princess Alice, pure white, from seed bed, 60c per 100. Seed, 25c per trade pkt. W. S. Nichol, Barrington, R. I.

SUMACHS.

Cut-leaf, stag-horn sumach, large stock, 10c to 15c. Edw. Teas, Joplin, Mo.

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CABBAGE—Early and Flat Dutch. Succession, L. I. Second Early, Jersey Wakefield, etc., 25c per 100, $1.00 per 1000, $8.50 per 10,000.
CELERY—White Plume, Pink Plume, Giant Pascal, Golden Heart, Boston Market, etc.; also celeriac, 25c per 100, $1.00 per 1000, $8.50 per 10,000.
LETTUCE—Big Boston, Boston Market and Grand Rapids, 25c per 100, $1.00 per 1000.
PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.
TOMATOES—Lorillard, seed bed plants, 50c per 100, postpaid; 2¼-in. pots, 40c per doz., $2.00 per 100.
Cash with order.
See our flower plant adv. in this issue.
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We are headquarters for improved Lorillard forcing tomatoes; fine 2½-in. pot plants, $2.00 100. Cash. Roney Bros., West Grove, Pa.

NOROTON BEAUTY, the great new potato. Descriptive circular on application.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

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Verbena rooted cuttings, 30 var., 60c 100, $5.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Best mammoth verbenas, rooted cuttings, $1.00 100, $8.00 1000.
Wood Bros., Fishkill, N. Y.

Lemon verbenas, 2¼-in., $2.50 100, $17.50 1000. R. Vincent, Jr. & Son, White Marsh, Md.

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Vinca variegata, 2½-in. pots, fine plants, $2.50 100. National Plant Co., Dayton, Ohio.

Vinca variegata, R. C., 90c 100; $8.00 1000, prepaid. Cash. Byer Bros., Chambersburg, Pa.

Vinca variegata, 3-in. pots, $4.00 100. Cash.
Ernest Harris, Delanson, N. Y.

Vinca variegata, 4-in. pots, $8.00 100.
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Violets. Princess of Wales, unrooted cuttings, ready now, 50c 100, $4.00 1000. Rooted cuttings, ready for delivery in March, 1905, $1.50 100, $12.00 1000. Place orders now.
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Marie Louise violets, clean and healthy in every particular, $5.00 per 100, $45.00 per 1000. Cash with order. W. J. Chinnick, Trenton, N. J.

Marie Louise violets, strong and healthy, open field, no shelter, $5.00 per 100.
C. Adams, Florist, Helena, Ark.

Violets. Field-grown Lady Campbell, $4.00 100. Converse Greenhouses, Webster, Mass.

We make a specialty of violets. Write
Eli Cross, Grand Rapids, Mich.

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Aquilegia (columbine), single mixed, 2¼-in.; Gaillardia grand., 2¼-in., plumbago, blue, white, 3-in. pots, $3.00 100. Maranta massangeana, 2¼-in., $4.00 100. Swainsona alba and rosea, 2¼-in., $2.00 100; $17.50 1000. Holt's Mammoth sage, $2.00 100; $15.00 1000. Sweet Williams, double mixed, $3.00 100.
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To Exchange—500 Primula obconicas, healthy, thrifty plants, for cyclamen and cinerarias.
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Cover your boilers and flow pipes with asbestos; makes a great saving in coal bills; reasonable first cost; easily applied; coverings last many years. Send for free catalogue. H. W. Johns-Manville Co., 100 William St., New York.

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Folding boxes cheap. Write us for samples and prices. The Aull Bros. Paper and Box Co., Dayton, O.

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Decorative evergreens. We can furnish on short notice southern wild smilax, magnolia foliage, long needle pine, holly, yupon, yucca, wild winter fern and gray moss. Write for catalogue and price list.
Magnolia Hill Evergreen Company, Roganville, Jasper Co., Texas.

Long gray moss for decorating. Beautiful with evergreens, always graceful and will last for months. Price: 10c per lb., F. O. B. Cash or C. O. D. Cook & Cook, Alvin, Tex.

All decorative evergreens, galax, leucothoe, mosses, etc.
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Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
Crowl Fern Co., Millington, Mass.

Dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
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Leucothoe sprays, fancy ferns, green sheet moss, sphagnum moss, etc.
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Fancy and dagger ferns, evergreens, etc. Good stock, low prices.
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Galax, ferns and leucothoe sprays are our specialities. N. Lecakes & Co., 53 W. 28th St., N. Y.

Leucothoe sprays and hardy cut ferns.
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For southern wild smilax write
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Write for quotations on your wants to
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SHEEP MANURE. Pulverized and free from all adulteration. In bags. $18.00 per ton; special price on carload lots in bulk.
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Wax flowers and wax floral designs.
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Wax flowers and wax floral designs.
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GALAX LEAVES.

Bronze and green galax leaves, postage prepaid, 75c per 1000. Small green leavea for violets. H. H. Hill, Victoria, Macon Co., North Carolina.

Galax leaves, green and bronze, fresh gathered, $3.00 for case of 5000. Cash.
Hall & Jones Co., Blowing Rock, N. C.

Bronze and green galax leaves; small, 45c; medium, 50c; large, 55c per 1000.
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Green or bronze galax, select stock; also fine lot leucothoe sprays.
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Galax, bronze and green, 60c 1000; first-class and fresh. Cash.
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Galax, bronze or green, and small green galax for violets.
L. J. Kreshover, 110 W. 27th St., New York.

GALAX LEAVES. Bronze or green.
A. J. Fellouris, 468 Sixth Ave., New York.

GALAX LEAVES, green or bronze.
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GALAX LEAVES, green or bronze.
Crowl Fern Co., Millington, Mass.

GALAX LEAVES, green or bronze.
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Galax, bronze and green.
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GLASS, ETC.

Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order to small to receive our careful attention.
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We offer some great bargains in glass. See our display adv. for sizes and prices or write us, stating size and quantity desire.
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We carry the largest stock of glass in this country. Glass for greenhouses is our specialty.
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We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Greenhouse glass exclusively.
Stenzel Glass Co., 2 Hudson St., New York. Also 101 Portland St., Boston.

Greenhouse glass a specialty. Sprague, Smith Co., 205 Randolph St., Chicago.

GLAZING POINTS.

Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

The "Model" glazing point. Zinc. Practical. Durable.
Parker-Bruen Mfg. Co., Harrison, N. J.

Peerless glazing points are the best.
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GLEN MARY FISH FARM.
CHAS. POMMERT, PROP.
AMELIA, O.
Devoted exclusively to the growing of GOLD FISH. 100,000 now ready. Send for price list.

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HUNT'S TYPHOON. This hose is the product of careful study which greenhouse usage has demonstrated on various kinds of materials. It is durable, heavy and yet pliable and will stand hard usage.
100 feet, 7 ply.....$14.00
200 feet, 7 ply..... 26.50
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ANCHOR BRAND of greenhouse hose is THE hose for florists.
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Good hose. J. G. & A. Esler, Saddle River, N. J.

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A 5-lb. trial package of our TOBACCO POWDER will cost you nothing if you will psy the express charges on it. Write Department D for it. H. A. Stoothoff Co., 116 West St., N. Y.

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NICOTICIDE kills all greenhouse pests.
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Orchid peat and leaf mold always on hand.
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Cypress and oak tubs. We manufacture all sizes. Write for prices.
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Kramer's pot hangers. Neat, simple, practical. Write.
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Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts. N. E., Washington, D. C.

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Red pots. Write for prices and sample pot.
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RED POTS. Standard pots at bottom figures.
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Raffia. Samples free if you mention The Review. Large assortment of colors.
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Review
Classified Advs.

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Sphagnum moss, large bale, $1.75 each; by freight, $2.00.
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Live sphagnum moss and orchid peat always on hand. Lager & Hurrell, Summit, N. J.

Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. Write for prices.
H. M. Robinson & Co., 11 Province St., Boston.

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Tin Foil—Plain, fancy, printed and mounted.
Conley Foil Co., 521 West 25th St., N. Y.

Tin Foil—Plain, violet and rose.
John J. Crooke Co., 155 Ave. D, N. Y.

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Tobacco stems, 60c per 100 lbs. in bales of 200 to 250 lbs. Special price on car lots.
F. G. Borden, Milton, Wis.

Tobacco stems, fresh and strong, in bales of 200 to 500 lbs., 75c per 100 lbs.
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Fresh tobacco stems, bale of 300 lbs., $1.50.
W. C. Beckert, Allegheny, Pa.

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Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
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"The Classified Advs. bring big returns" is the verdict of the advertisers.

WIRE SUPPORTS.

Excelsior carnation supports, made of galvanized wire, 10 in. long, $7.00 1000, $60.00 10,000; 13 in. long, $7.50 1000, $70.00 10,000; 20 in. long, $8.00 1,000, $75.00 10,000. Also stemming wire, rose stakes, etc.
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Thaden's wire tendrils and twin stakes for carnations, roses, etc.
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Model Extension carnation supports; also galvanized rose stakes and tying tires.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Model Extension carnation supports.
Parker-Bruen Mfg. Co., Harrison, N. J.

WIRE WORK.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
45, 47, 49 Wabash Ave., Chicago.

Reed & Keller, 122 W. 25th St., New York.
Manufacturers of Wire Designs.

Wire work of all kinds. Write me.
Wm. Murphy, Wholesale Florist, Cincinnati, O.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

CLEVELAND.

Various Notes.

The Christmas of 1904 will be remembered as one of the best ever. Last year was considered a record breaker and we may sum up this year as being its equal and in many cases better. A fairly good supply of flowers was on hand at the Cleveland Cut Flower Co. and most orders were filled satisfactorily. Mr. Bate, of that firm, says their shipping was very good and the only shortage was in color, particularly red. They handled a large supply of Beauties from a local establishment, also a nice lot of carnations. The home demand was also good and Saturday night found the place cleaned up in fine style. A nice lot of poinsettias in pans and pots was handled by this concern.

The J. M. Gasser Co., wholesale end, was extremely busy and it was almost impossible to get a moment's interview with the efficient manager, Mr. Darnell. This part of the business is so well taken care of that it is increasing constantly. A fine lot of Beauties, teas, Chatenay, Gen. MacArthur and carnations, very fine mignonette, also orchids in variety, were on hand. A satisfactory Christmas trade was done. At the retail end Mr. Jones, who has charge, was so busy it was entirely out of the question to get a word from him.

Prices were the same as last year: Beauties from $1.50 to $12 per dozen; Brides, Maids and Meteors from $8 to $15; carnations, $4 to $8; extra fine Enchantress and Lawson went at the latter

price; valley, $5 to $6; violets, $1.50 to $2; cut poinsettias, $3 to $4.

Frank Smith, of Smith & Fetters, was in the midst of the rush, having more than he could attend to. They had an exquisite display of seasonable stock and the volume of business accomplished is enormous. Mr. Smith says he has an abundance of orders on hand for the next two weeks to keep them quite busy.

Mr. Harrison, of Collins & Harrison, arose from a sick bed to attend to business. An extra nice lot of poinsettias, azaleas, ardisias, cyclamens, araucarias, etc., were very prettily decorated. The store presented a beautiful appearance and a rushing business was done. Beauties are a specialty here and great numbers were disposed of, as also good teas and carnations in proportion. This being the first Christmas on the avenue, they have no comparison to make, but say that business has been beyond their expectations.

Mr. Wagner, of Erie street, reports that this year is about equal to last, with a greater call for pot plants. A fine assortment of plants was on hand, which sold at good prices.

Miss Eadie was very busy and reports business equal to last year with a heavy demand for pot stuff.

The Cleveland Floral Co., of Euclid avenue, reports a good trade and is well satisfied.

We regret to learn of the illness of M. H. Harrison and trust he will soon be able to attend to business regularly. Overwork is the principal cause of the breakdown.

Isaac Kennedy, of West Park, is sending in some very fine Maids and Brides. The flowers of the sport of Bride are extra good.

Carl Hagenburger, of West Mentor, had some very fine poinsettias, both for cutting and in pans. His pans of poinsettias with Piersoni fern were very striking and sold readily.

S. S. Skidelsky, of Philadelphia, was a recent caller on the trade. He has booked several orders for that good white carnation, Fred Burki. He always has something good for the trade.

FOREST CITY.

PLEASE discontinue my advertisement in the REVIEW; it sold for me all the chrysanthemum stock plants I have to spare for this year.—G. M. Naumann, Cleveland, O.

I LIKE the REVIEW and would not be without it. The only reason I did not advertise in it this season was that local trade took all the stock; did not have enough and had to buy through the advertisements in the REVIEW; that's where to look for what you want.—J. A. KENNISTON, Newburyport, Mass.



Style No. 610.
Also other Sizes and Styles carried in stock.

McCray Florist REFRIGERATORS

Superior in construction, insulation and service rendered. Economical in the use of ice, scientifically built.

86 INCHES WIDE; 30 INCHES DEEP; 74 INCHES HIGH

IN STOCK READY FOR IMMEDIATE SHIPMENT

SPECIAL DESIGNS BUILT TO ORDER
(Write at once for Florists' Catalogue No. 70.)

McCray Refrigerators are Built in all Styles and Sizes for Any Purpose

McCRAY REFRIGERATOR CO., 373 MILL STREET KENDALLVILLE, IND.

BRANCH OFFICES AND SALESROOMS—Chicago, 55 Wabash Ave.; St. Louis, 404 N. Third St.; San Francisco, 122 Market St.; Pittsburg, 308 Fourth Ave.; Detroit, 305 Woodward Ave.; Columbia, S. C., Jerome Building; Boston, 52 Commercial St.; Columbus, Ohio, 356 N. High St.; Cleveland, Ohio, 390 The Arcade. Address Main Office unless you reside in one of above named cities.

Mention this journal and we will send you the following catalogues: No. 39 for Residence, No. 45 for Hotels, Public Institutions and Cold Storage Houses, No. 63 for Groceries, No. 56 for Meat Markets, No. 70 for Florists.

Mention The Review when you write.

Dahlias, Awarded 10 Gold Medals in 1903 and 12 Gold Medals in 1904. **Pot Roots,** Awarded the Silver Medal by the International Jury at the St. Louis Exposition.

POT ROOTS FOR SHIPMENT AT ONCE Every section, including the popular CACTUS DAHLIAS at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 per 100. These are post free terms. Note this when comparing prices. Terms cash with order.

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GREENHOUSE MATERIAL. COMPOSITION POSTS.

Send for catalogue. Get the best.

Dillon Greenhouse Mfg. Co., Bloomsburg, Pa.

"My Maryland"

The largest most productive and most profitable white carnation yet raised. Will be disseminated in 1906. Write us about it. Also for other new and standard carnations.

Chrysanthemum Stock Plants

Dr. Enguehard.....$.35 each; $3 00 per doz.
White Mrs. J. R. Tranter. .35 each; 3.00 per doz.
American Beauty..... .35 each; 3.00 per doz.
S. T. Wright..... .50 each; 5.00 per doz.
Uncle John..... .35 each; 3 00 per doz.
Rockford..... .25 each; 3.00 per doz.
Mrs. Probin, 35c each. Mrs. Newell, 35c each.
Pacific, P. Rose, Willow Brook, Ivory, Mrs. J. Jones, 10c each; $6.00 per 100. Orizaba, Halliday, Monrovia, Merry Xmas, Liger, H. Sinclair, 10c each, $7.00 per 100.

H. WEBER & SONS, Oakland, Md.

Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO, ILL.

Send for Price List on all

Palms and Ferns

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CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

CEMENT **BENCHES**

NIAGARA CEMENT & CONCRETE CO.
North Tonawanda, N. Y.

BEST AND Cheapest ALL-ROUND INSECTICIDE on the Market.

ROSE LEAF INSECTICIDE EXTRACT OF TOBACCO

For sale by Seedsmen. For Free Pamphlet Write to The Kentucky Tobacco Product Co., Louisville, Ky.

"THERE IS ONLY ONE."

The Fumigating Kind Tobacco Powder

What a Few Say, All That Use It Say.

Kansas City.—We consider **The Fumigating Kind Tobacco Powder** good; it is cheap and effective. We have with 25c worth of your **Fumigating Kind Tobacco Powder** smoked as much space and done the work as well as some other kinds of Fumigating that cost us $2.50 for same space and the **Black Stuff Fine** for sprinkling is all right too; gets them every time. Send us another 1000 lbs. ROBT. S. BROWN & SON

St. Cloud, Minn. Kindly send us at once 50 lbs. **The Fumigating Kind Tobacco Powder**; best thing we ever used. Can not get the same good results with any other preparation. The KINDLER FLORAL CO.

Belvidere, Ill. — I have been using **Fumigating Kind Tobacco Powder** in my greenhouses for some time, and I do not hesitate to say that I consider it the best thing of its kind that I have ever used; it has given me the best of satisfaction and at present do not know of anything as good. B. ELDREDGE

Thompsonville, Conn. The sample bag of **The Fumigating Kind Tobacco Powder** worked like a charm. Enclosed find $2.00 for 100 lbs. to be shipped at once by freight. D. WM. BRAINARD.

A FREE trial five-pound bag will cost you nothing more than the express charges on it. The trial bag will prove our assertion that it is the most effective, cleanest and quickest as well as the cheapest (10 cents per 100-foot house) article to fumigate with. All aphis killed in one night—our booklet tells of it; we mail one on request.

THE H. A. STOOTHOFF COMPANY, Tobacco Powder Hobbyists, 116, 117, 118 West St., New York.

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KANSAS CITY.

The Market.

This has been the busiest Christmas that this city has ever had. There was a steady demand for cut flowers and potted plants all week, but on Friday the rush commenced and did not slacken up until Sunday evening. On Saturday prices took an upward turn. Everything with a bloom was sold. There was an unusual demand for made up pots and pans filled with primroses, Asparagus plumosus and Sprengeri. The supply of holly was soon exhausted.

Various Notes.

The most beautiful window in the city was that of Sam. Murray. Crowds thronged the street to see it. He had the finest specimen poinsettias, azaleas and Gloire de Lorraine ever seen in this city.

W. L. Rock was a close second in window display and his store was thronged with buyers until a late hour Saturday night.

The Alpha Floral Co. was forced to employ four extra salesmen and even then was unable to wait upon all who came to buy.

A. Freudenthal has his new store on Twelfth street tastefully decorated and got his share of what was coming.

Advance orders for New Year's are already being booked by some of the leading florists here.

An effort is being made to organize a florists' club here.

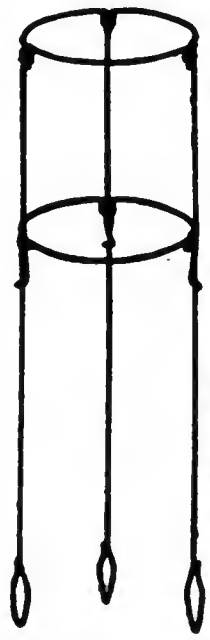
A. F. Barbe was swamped with business the past week and reports the best trade in years.

W. J. Barnes reports a rushing business the past week and disposed of a large stock.

Lawrence Schwager had a very tastefully decorated store and is thoroughly satisfied with the week's business.

Ed. Ellsworth, of Geo. M. Kellogg's, reports an immense wholesale business last week, but with an increased force easily got rid of all his stock.

F. A. Vandervoort, representing C. J. Speelman & Sons, of Holland, was a visitor here last week. NARCISSUS.



...THE...

Model

EXTENSION CARNATION SUPPORT.

ALSO GALVANIZED STEEL ROSE STAKES AND TYING WIRE...

Endorsed by all the leading carnation growers as the best support on the market.

Made with two or three circles. Prompt shipment guaranteed Pat. July 27, 1897; May 17, 1898. Write for prices and circulars.

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226 N. 9th St., Brooklyn, N. Y.

Red Standard POTS

F. o. b. Harrison. Cash must accompany order

2-in.....Per 1000,	$2.25	3½-in.....Per 1000,	$5.50
2¼-in.....Per 1000,	2.70	4-in.....Per 1000,	6.80
2½-in.....Per 1000,	3.25	5-in.....Per 1000,	11.00
3 in.....Per 1000,	4.25	6-in .....Per 1000,	18.00

HARRISON POTTERY, Harrison, Ohio.

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Wired Toothpicks

Manufactured by

W. J. COWEE, BERLIN, N. Y.

10,000....$1.50; 50,000... $6.25. Sample free

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send us Photos or clippings from other catalogues and let us reproduce them. We make the cuts for the Florists' Review.

DEARBORN ENGRAVING CO.,

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Send your order for **BULL DOG**, 7 ply 16c. per foot,

Fully guaranteed, to

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Dealers in all kinds of

HEMLOCK and PINE

..LUMBER..

and "PECKY CYPRESS" our new introduction to the trade,

FOR GREENHOUSES.

ALSO CEDAR POSTS

of all LENGTHS and DIMENSIONS.

Having had an extensive experience in the line of Lumber and Posts needed for Greenhouse work, we are prepared to meet all inquiries. Send for prices.

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TEL. NORTH 1626 AND 1627.

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ALL the time in the

REVIEW'S

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TO-BAK-INE FUMIGATING POWDER killed the black fly on the chrysanthemums.—GEO. A. RACKHAM, Detroit.

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Send for our booklet "WORDS OF WISDOM," by Leading Growers, containing full directions as to exterminating all greenhouse pests.

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Tobacco Stems

60c per 100 lbs.
in bales of 200 to 250 lbs.
Write for special prices on carload lots.

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Dealer in Leaf Tobacco. MILTON, WIS.

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IT IS THE STUFF!!!

Words of Messrs. Poehlmann Bros., Chicago, in ordering 24 galls. Nicoticide.

Tobacco Warehousing & Trading Co.
LOUISVILLE, KY.

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Evans' Improved Challenge Ventilating Apparatus.

Write for Illustrated Catalogue.

Quaker City Machine Works,
RICHMOND, IND.

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WILKS GREENHOUSE HEATERS.

The Wilks Greenhouse Heaters are all Steel Self-Feeders. Will run 15 hours at a time without attention.

NO

Night Fireman Required.

Can be used with either Hard or Soft Coal.

SEND FOR OUR NEW CATALOGUE.

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Get our Catalogue **For GREENHOUSES**

STEAM AND HOT WATER.

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Large Runs of

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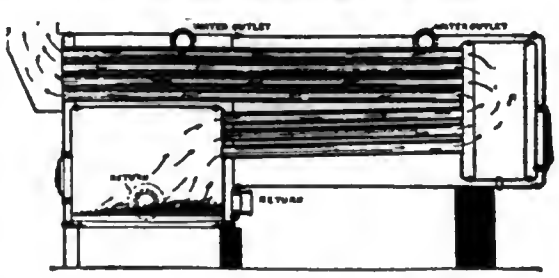
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Read what our customers say about them:



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Send for Catalogue and Price List.

Made only by the

SUPERIOR MACHINE & BOILER WORKS
129 to 133 W. Superior Street, • CHICAGO

BOSTON BOWLERS.

In the Boston Seed Trade Bowling League December 19 Schlegel & Fottler Co. bowled W. W. Rawson & Co., and Joseph Breck & Son rolled R. & J. Farquhar & Co. Following are the scores:

Schlegel & Fottler.	1st	2d	3d	T'l
Gates	75	70	77	222
Rein	55	55	59	169
Brickley	79	80	86	245
Cahill	69	69	57	195
Fay	85	84	71	240
Totals	363	358	350	1071
Rawson & Co.	1st	2d	3d	T'l
Cheney	62	87	86	235
Taylor	72	76	91	239
Warren	77	83	91	251
Rose	66	64	76	206
Perry	75	74	84	233
Totals	352	384	428	1164
Breck & Son.	1st	2d	3d	T'l
Enholm	81	96	70	247
Dacey	80	75	65	220
Webber	81	67	77	225
Armstrong	83	73	84	240
Wheaton	93	87	93	273
Totals	418	398	389	1205
Farquhar & Co.	1st	2d	3d	T'l
Davy	83	88	85	256
Hardman	75	74	85	234
Castle	73	83	74	230
McDermott	64	75	76	215
Jenner	109	79	97	285
Totals	404	399	417	1220

SPRINGFIELD, ILL.—The Decatur Horticultural Co., Inc., Decatur, Ill., has surrendered its charter.

RUTHERFORD, N. J.—The many friends of Julius Roehrs will be pleased to learn that he is rapidly recovering from his recent illness.

COLUMBUS, O.—On December 21 fire destroyed the building in which Graff Bros. were located. The florists put their loss at $1,500.

HOUGHTON, MICH.—When Mrs. Dale closed her store in the Trathen building, December 15, she found her home in possession of a car load of friends from Calumet, who brought along many flowers of speech and also good things to eat.

Pumping Engines
FOR
Florists and Gardeners
They use gas or gasoline for fuel.
THE STANDARD PUMP AND ENGINE CO.,
CLEVELAND, - OHIO.



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Price with wire chain, as shown in cut, $1.00 per dozen by express. Sample dozen by mail, $1.25.

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INSURANCE OF YOUR PLANTS FROM FREEZING in cold weather may be obtained at trifling cost if you will use a

LEHMAN WAGON HEATER



There is no danger of fire: no smoke, dirt or gases to injure the plants. They burn **Lehman Coal** which costs less than half a cent per hour. **250,000 Lehman Heaters** are in use which clearly shows they have merit. Florists everywhere use and recommend them. **Have you one? Beware of Imitations!** Write for circular telling more about them,

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MANUFACTURERS,
10 Bond Street, NEW YORK.

J. W. ERRINGER,
General Western Sales Agent.
45 E. Congress St., CHICAGO, ILL.

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SEE THAT LEDGE.
Pat. Sept. 18, 1900.



....USE OUR....

Patent Iron Bench Fittings and Roof Supports.

Ventilating Apparatus,
Improved Vaporizing Pans for Tobacco Extracts, Etc.

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WATERPROOF. Corner Lock Style.

The best, strongest and neatest folding Cut Flower Box ever made. **Cheap. Durable.**
To try them once is to use them always.

Size No. 0	3x4 x20	$2 00 per 100;	$19.00 per 1000
" No. 1	3x4½x16	1.90 "	17.50 "
" No. 2	3x6x18	2 00 "	19.00 "
" No. 3	4x8x18	2.50 "	23.00 "
" No. 4	3x5x24	2.75 "	26.00 "
" No. 5	4x8x22	3.00 "	28.50 "
" No. 6	4x8x28	3.75 "	36.00 "
" No. 7	6x16x20	5 50 "	54.00 "
" No. 8	3x7x21	3 00 "	28 50 "
" No. 9	5x10x35	6.50 "	62.00 "
" No. 10	7x20x20	7.50 "	67.00 "
" No. 11	3½x5x30	3 00 "	28 50 "

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Box 104

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VENTILATING APPARATUS
HOT WATER BOILERS, PIPES AND FITTINGS.
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PRICES ON YOUR PRESENT
NEEDS AND ON YOUR
Season's Supply.

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Phone Harrison 3799.
303 Dearborn St., CHICAGO
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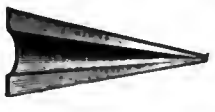
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Used by successful growers everywhere.
"THE MODEL" GLAZING TACK.
Especially adapted for greenhouses.

The Parker-Bruen Mfg. Co., Inc.
Florists' Specialties.
206-8 JERSEY STREET, HARRISON, N. J.
Write for booklet "F."

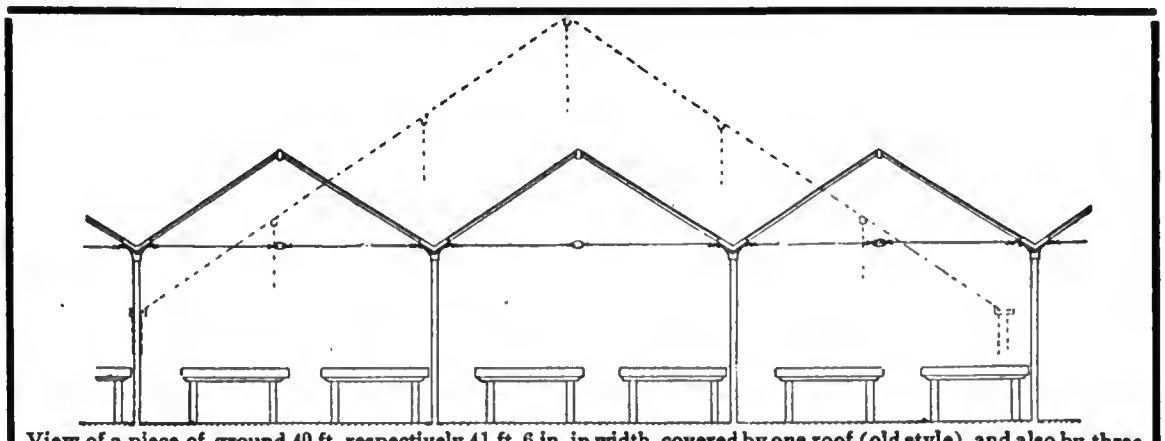
SKINNER'S IRRIGATION SYSTEM

Circulars free.
C. W. SKINNER, TROY, OHIO.

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"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago.
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View of a piece of ground 40 ft respectively 41 ft. 6 in. in width, covered by one roof (old style), and also by three sections of our Patent "Short-Root" Construction. Compare headroom over benches and number of supports.

SHORT-ROOF GREENHOUSES. (PATENTED.)
Simplicity and Safety of Construction. No Spreading of Walls. Most Effective and Reliable Ventilation. Perfect Guttering. NOTE—The V Gutter, as well as the other parts of the houses, peculiar to this construction, are fully covered by Letters Patent. Write for Catalogue.

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The original machine with self-oiling cups. The most powerful, least complicated, very compact with ease of operation.
The New Duplex Gutter
Over six miles in use and highly recommended by all. The only **Drip Proof** gutter on the market.
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It has no equals for simplicity or its working. Catalogue free.
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New Roof Construction, Automatic Stokers, Water Tube Steam Boiler, Automatic and Hand Ventilators.
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32 CHURCH ST., TORONTO, ONT.

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THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

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334 Dearborn Street, Chicago.

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Borough Park.....Brooklyn, N. Y.
J. AUSTIN SHAW, Manager.
Tel. 861 W. Bay Ridge.

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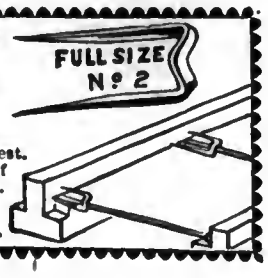


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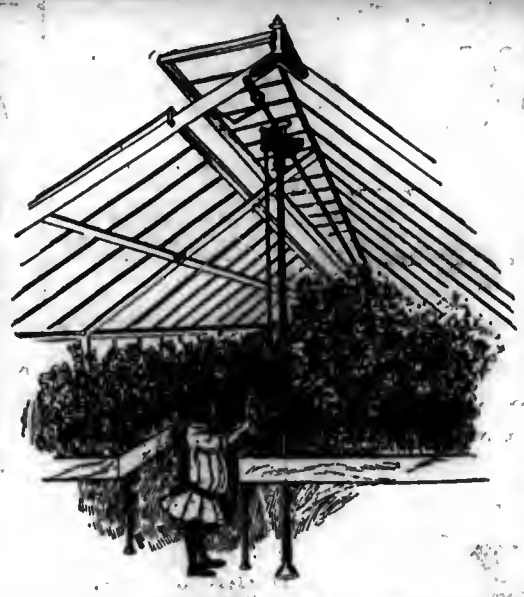
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A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

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Vol. XV. CHICAGO AND NEW YORK, JANUARY 5, 1905. No. 371.

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No.	Weight	Will Cover	Price
1	15 pounds	100 square feet	$2.50
2	20 "	200 " "	3.25
3	25 "	300 " "	3.75
4	35 "	400 " "	4.50
5	40 "	500 " "	5.00
6	50 "	600 " "	6.00

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Beauties, 20 to 24 in. stems, per doz	2.50 to 4.00
Beauties, 15 to 18 in. stems, per doz	2.00 to 2.50
Beauties, 12-in. stem, per doz	1.50 to 2.00
Beauties, short, per doz	.75 to 1.00
Liberty, per 100	4.00 to 15.00
Golden Gates, per 100	4.00 to 12.00
Chatenay, per 100	4.00 to 15.00
Brides and Bridesmaid, per 100	4.00 to 8.00
Brides and Bridesmaid, extra fancy	10.00 to 12.00
Meteor, per 100	4.00 to 12.00
Perles, per 100	4.00 to 6.00
Ivory, per 100	4.00 to 15.00
Our Selection, per 100	4.00
Carnations, per 100	2.00 to 3.00
Carnations, fancy	4.00 to 6.00
Asparagus Plumosus, per string	.40 to .50
Asparagus Plumosus, sprays, per bunch	.25 to .50
Sprengeri, bunches	.25 to .35
Adiantum, per 100	.75 to 1.00
Smilax, choice	.12½
Fancy Ferns, per 1000	2.00
Galax Leaves, green, per 1000	1.25
Galax Leaves, bronze, per 1000	1.25
Leucothoe Sprays, per 100	.75
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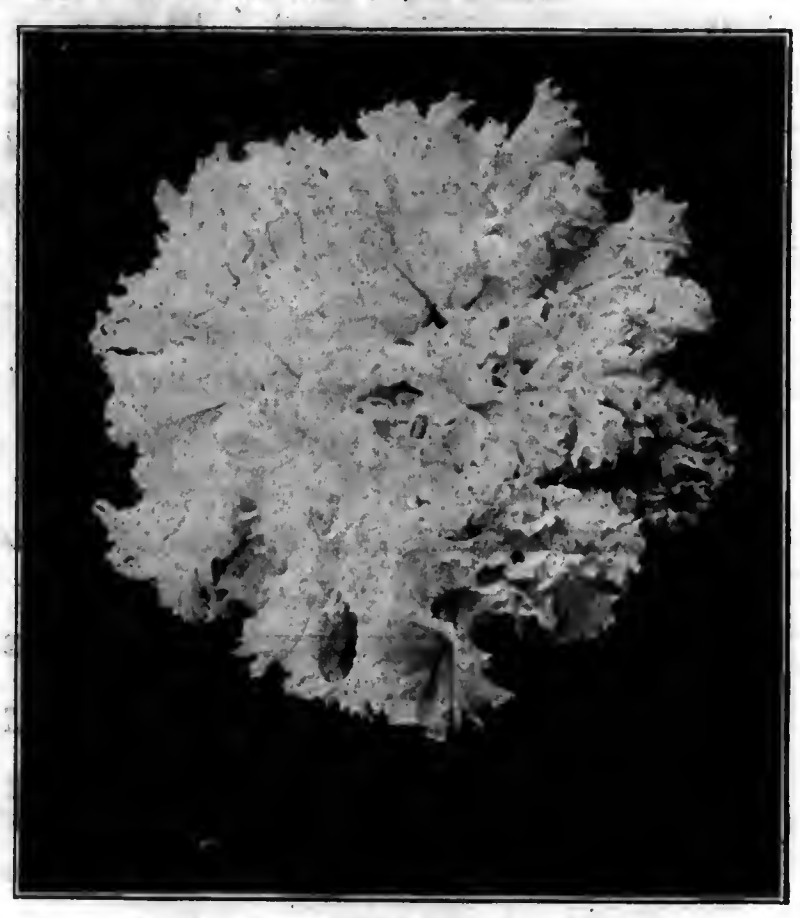
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" **Gracilis**—Rose..... " .25
Browallia Speciosa major..... " .50
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" " **Large-flowering Dwarf**—Mixed	.20	.75
" " **Nana compacta**—Mixed	.30	1.50
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" " 7x9	4.50	42.00
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THE HISTORY AND CULTURE OF

GRAFTED ROSES FOR FORCING

BY ALEXANDER MONTGOMERY, JR.,
WABAN ROSE CONSERVATORIES, NATICK, MASS.

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The Various Stocks.

In comparing the desirability of the different stocks which could be made available, we have used the common dog rose or brier (Rosa canina), Rosa multiflora Japonica and De la Grifferae, Rosa Banksia and Manetti. In regard to results, there is such a vast superiority in the use of the Manetti that comparisons are of value only as a matter of interesting history.

The brier, the most popular stock used in the British Isles for the production of exhibition blooms, has already been mentioned.

Faults of Multiflora.

Multiflora has never proved satisfactory, never in fact being equal on the whole to own-root plants. While it is undoubtedly a vigorous grower, it does not seem to have the property of being able to transmit this quality to its scion and, moreover, we have never been able to produce a bloom from a multiflora graft that was equal in color to one from an own-root plant. But beyond all these objections, it seems to be extremely susceptible to the club-root caused by eel worms or nematodes, and this fact alone ought to make its use objectionable, for most rose growers of even limited experience know that it is only too easy to get club-root on own-root plants, without going to the trouble of grafting to get it.

Experience With De la Grifferae.

De la Grifferae has been tried with a number of varieties. It is a vigorous stock and makes a perfect union, the finest, in fact, of any stock which we have ever tried, but still it produces a very inferior plant. Thinking perhaps that it might prove the thing for the yellow class—as, by the way, the Manetti has been a failure with roses of the Perle des Jardins type—we gave it a trial, using the variety Sunrise, planted in a solid bed. For the first four months they absolutely refused to move, merely keeping alive; then suddenly they began to pick up and show signs of increased activity. Suspecting what might be the cause of this new lease of life which the plants had taken, several of them were dug up and, sure enough, our judgment was correct: they had begun to send out own-roots from the callus at the union of stock and scion, while the stocks themselves had made practically no roots since the day they were put in.

Banksia for the Yellow Class.

The Banksia rose ought theoretically to be the ideal stock, as it is practically evergreen. This surely ought to suit our friends who rave about the Manetti not being the proper stock to use beeause it is not evergreen. However, it is not evergreen stocks we are looking for, but evergreen roses, on "any old" stock, so long as we get the blooms.

But the Banksia has proved valuable in our experience only in the case of the yellow class. As before mentioned, the Marechal Niel did fairly well on it. Again, as far back as 1889, the Waban Conservatories had a very fine house of Perle des Jardins on this stock and about that time Mr. Peter Boll, of Malden, had remarkable success with this rose on the Banksia. As our market does not take kindly to the yellow sorts, we have not done anything further in the way of experimenting with this stock, but if anyone who is growing some of the Perle class is not satisfied with it on its own roots, I would advise him strongly to try the Banksia rose as a stock for grafting.

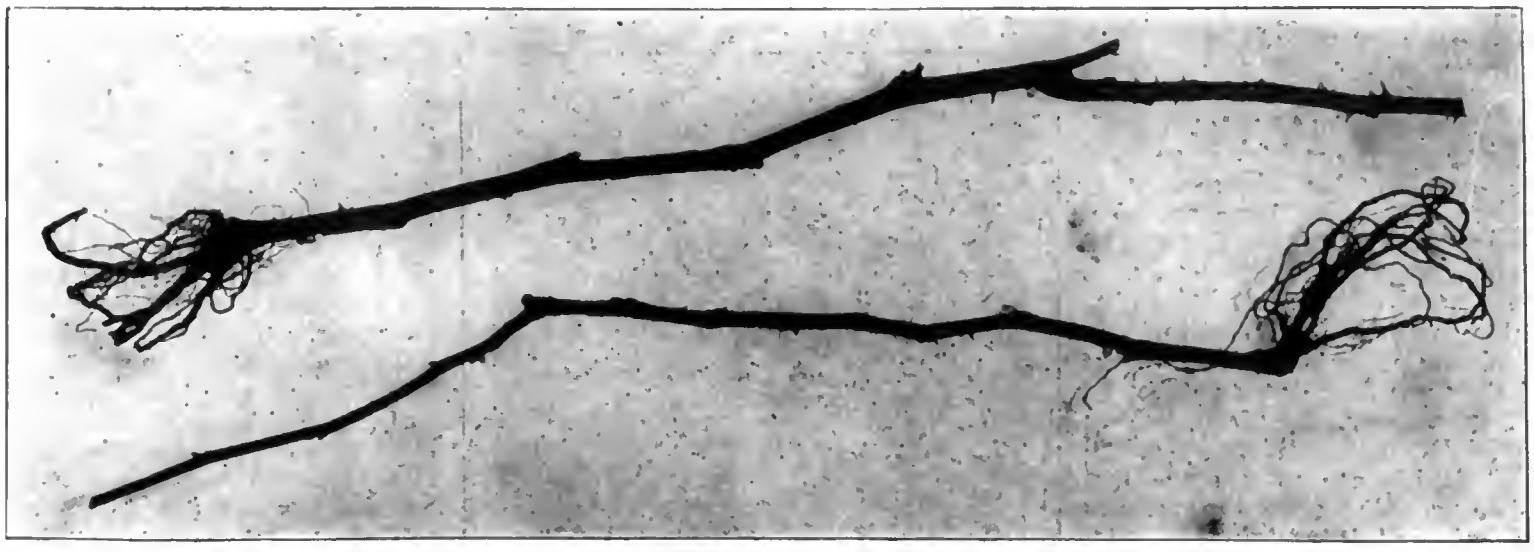
Manetti the Successful Stock.

Finally we come to the Manetti and we can truly say that up to date this has proved itself to be the thing for nearly all roses grown under glass. That it has not proved itself better than the own roots with every variety we must all admit, and also even that in some exceptional localities it has proven a failure, but I think it will be found that where this is so the reason lies in the soil. It is generally conceded that the Manetti rose thrives in light to medium coarse gravelly loam, and is not seen at its very best in an exceptionally heavy, fine-grained, sticky or tenacious soil. The Manetti is a comparatively shallow fibrous-rooting rose. It has a voracious appetite and will in most cases stand considerably more feeding than roses on their own roots.

But, more than all this, the Manetti seems to be absolutely free from the attack of eel worms. This point alone ought to make it very valuable to those who are troubled with this pest, because roses grafted on the Manetti are practically insured against an attack of club-root. We do not know why this is so, and of course could not state positively that under certain conditions it would remain free from the dreaded nematodes, but we do know that up to the present time it has done so.

An objection which has been made against the use of roses grafted on the Manetti is the fact that any check during the late fall is liable to put the plants to sleep for the winter, but we all know that own-root roses are subject to the same defect if given half a chance. So, as it is the growers' business to see that they do not get a check, it does seem as though such a lame excuse as this ought not to frighten the wide-awake rosarian.

A point in favor of using the Manetti is found in the case of roses which are difficult to propagate on their own roots. Very often growers who have failed almost completely to propagate a rose have succeeded readily in grafting it on the Manetti. As a specific example, I recall seeing growers who could find no advantage in grafting American Beauty other than the fact that, having failed to get up a stock of plants on their own roots, they had succeeded in securing a fine lot on the Manetti.



Typical Specimens of the English Manetti as Received in this Country.

(The picture shows the stocks a little more than one-third natural size.)

Present Day Varieties.

We are growing Mrs. J. P. Morgan and Mrs. Oliver Ames on the Manetti, and have had some plants of Morgan in a solid bed as long as nine years with no apparent deterioration in the quality of the flowers, although after the fourth or fifth year there was a decrease in the quantity.

There has been some complaint of these varieties not doing well on this stock, a large percentage dying off, sometimes even when the plants are in their second year. While we have had some experience with this trouble, it has never bothered us to an alarming extent and we consider that the grafted plants are enough better to more than compensate for any slight loss. The cause of the defect seems to be that Morgan unites rather poorly with the stock and any poorly grafted plant, whether of Morgan or any other variety, is liable to canker at the union. The remedy would seem to be to use special care in grafting and to have the stock and scion very nearly the same size, so that the union will be practically perfect. We have tried Morgan on both De la Grifferae and the Banksia, but with unsatisfactory results.

Golden Gate, Ivory, Kaiserin Augusta Victoria and Souvenir du President Carnot are all grafted, but the difference between them and own-root plants is not so marked as with some other varieties. Still the many advantages possessed by grafts, rapidity of growth, freedom from club-root, and general adaptability to our soil, are worth more than the extra cost of grafting.

Liberty is so much better with us grafted that there is really no comparison. Yet, on the other hand, I have seen localities where the exact reverse was true; but this merely bears out the statement previously made that in deciding the question of grafted versus own-root plants each grower must be a law unto himself.

American Beauty is grown on its own roots. We have experimented with grafted plants and at the present time have a bed of Beauties on the Manetti, but as we have not yet seen any decided advantage in favor of either, and as this variety is such a vigorous grower on its own roots, we have not seen fit to declare our preference for grafts. There is one advantage, however, that the grafts have which may prove of considerable value. In starting up own-root plants after they have been dried off they are frequently subject to an attack of yellows, American Beauty being especially susceptible. Grafted Brides and Maids are very much less likely to be troubled with the yellows when grafted, and it will in all probability be found that, by putting Beauties on the Manetti, they can be grown successfully two or three years in the same soil with very little risk.

Bride and Bridesmaid are all grafted, and indeed since 1897 there has not been an own-root plant of these on our place.

Quality and Quantity.

It is unnecessary to go over again the advantages secured by grafting, but it may be well to make a few remarks on the quality and quantity of product. In regard to quality it can be said that with most varieties there will be a general improvement in all grades of the cut, and particularly in the medium and smaller grades. This is especially noticeable in the increased stiffness of the stems, while with some kinds there will be darker foliage and better-colored blooms. With Brides and Maids the highest quality is reached during the second year and rarely continues after the fourth.

As to quantity, figures are often misleading because numbers depend to such an extent on the method of disbudding; but, taking for example the system followed by growers who cater to the very critical markets of our larger cities, a house of own-root Brides or Maids that would average fifty flowers to the plant would be exceptional, but a house of grafted plants with an average of fifty would be only a good house and an exceptional one would go as high as seventy-five. These proportional figures will hold good up to the end of the third year, although the actual average per plant will generally fall off somewhat after the second year.

It seems to be the general opinion, among those who have never grown grafted stock, that the superiority over own-root is chiefly during the early autumn months. In order to dispel any such notion, I shall give the figures of the cut by months from a house of own-root roses, and also from the same house when planted with grafts. This is not a special case but only one of many which could be quoted to support our contention in favor of the Manetti. While these figures do not, of course, take into consideration the quality of the flowers, still, assuming that the grades are at least equal, and I believe it is generally admitted that they are, they present evidence which ought to satisfy the most skeptical.

Month—	Own-root.	Grafted.
August	6,899	8,653
September	11,317	20,950
October	11,614	9,325
November	10,373	16,558
December	5,829	8,503
January	7,277	10,653
February	4,958	6,775
March	7,634	9,997
April	10,009	13,602
May	13,834	20,813
June	12,991	16,624
Total	102,735	142,453

This is an interesting record for several reasons. It shows the same bench space to have produced practically forty per cent more flowers on grafted than on own-root plants, an increase calculated to command the consideration of even the most successful growers of own-root stock; and it shows the increase to be well distributed through the season, the month of December, for instance, showing an increased cut of nearly fifty per cent as compared with the house of own-root plants.

(To be continued)

THE RETAIL FLORIST.....

A DECORATOR'S OUTFIT.

Since decorations in flowers, plants and foliage must be done within a few hours of the time for some important social event, it behooves the decorator to consider not only his own convenience and dispatch, but the comfort of the patron also. By the time you arrive at the house to decorate stairways, mantels, woodwork, chandeliers, curtains and tables, the sweeping and dusting are all done. Before long disorder again prevails. You have moved in a step ladder and work table, displaced the furniture and scattered boxes and papers, smilax cases and plants, to the dismay of the hostess. If you do this unnecessarily, scarcely any housewife is too courteous not to remark about the litter and the extra work it will take to clear up after the decorator.



A Unique Bouquet.
(Made on order by Seekins & LeBorious, Duluth.)

To avoid all this, provide yourself with from two to six plain coarse bed sheets, such as can be had at about 50 or 60 cents apiece. Let them be sent with the load of palms, and before the plants or boxes are set on an oiled floor or rug, spread out a sheet to protect the same from marks and scratches. Set another under boxes and one under your work table and under the places where you are spreading out your smilax and where many leaves are likely to be dropped. Throw all your waste stems and clippings on one of these sheets, and with a little thought and care you can fold them, corners into center and leave scarcely a leaf to be brushed from the polished floor or rug when you have completed your work.

The sheets can also be used for screening off the show window in the store during the time when you are arranging an exhibit.



Store of Seekins & Le Borious, Duluth, Minn., during Christmas.

In the way of tools, have a pair of good, strong shears that will cut wire, picks, stems, etc., also ribbon scissors, which you allow to be used for nothing else but chiffon, tulle, cord, ribbon and other fabrics. Then you will need a tack hammer and some double pointed tacks, and once in a while a screw eye. Use tacks sparingly. It is scarcely ever necessary to drive one on the face of woodwork; instead set them on the top or sides of the moulding. If the top is too far away to attach a garland or spray of green, drive a tack on top and run a wire of the length needed, rather than deface the woodwork. Thought about these things may mean a little more stretching and climbing, but it is much better for your reputation as a careful worker.

Include in the outfit a paper of common pins for fastening light garlands of green or small clusters of flowers to curtain, table cloths, draperies, etc. Have a small coil of No. 36 wire, also one of No. 24. Sometimes you have use for hemp twine.

Among the first things called for will be a screen to hide a company of musicians. Be prepared for this with a few rattan screens obtained from some florists' supply house. Cover them with wild smilax or set a few tall palms in front of them. These are also useful for closing the entrance to a stairway, dining-room, or shutting off an unsightly view. They may even serve to good advantage for a background for a reception or wedding party.

When flowers must be set aside while greens and plants are being arranged, have some fiber vases at hand, so that they may be in water and appear at their best when needed. Set the flowers in these vases in some cool, retired corner, where they cannot be brushed against and where no draught of air can strike them.

For store use, as well as in decorative work, a strong cravenette apron is found to be of much service. Being waterproof is one of its virtues. Add to its convenience by stitching on a deep pocket, which will hold shears, hammer and tacks, and you can climb a ladder with your hands full of your decorative material and still have your tools at hand. Stitch off a narrow section of one side of the pocket for the tack hammer and it can be carried head up, ready.

Have a nobby leather bag or portfolio to carry the outfit in. There should also be room in this case for a pocket tape measure. The latter is more useful when taking the order and making the estimate on the price of a decoration.

It will be found easier to get up a satisfactory decorative plan after seeing the house, hall or church where it will be placed. There you can see colors of walls and their height, the amount of space available, the location of windows, stairways, doorways, the character of permanent decorations, such as frescoing, wood carving, draperies, etc., as well as make suggestions as to what other places should be decorated.

In any house where any pretentions are made to florists' decorations, for a wedding, for example, there are three places which should always receive some noticeable treatment. The first is some point opposite the entrance, where the guest's eye will rest first. The second is the place where the ceremony or reception takes place, and the third is the dining-room. Secure some consideration for these three places before suggesting any others. Then whatever subordinate features are introduced should be made connectedly, both in color and form, with the three principal points.

But to return to the outfit question. Wire or basket center-pieces, round and oblong, handle baskets of all sizes and prices, some of which have round bottoms without stands, are nowadays a necessary part of a florist's equipment. Perhaps there is no one receptacle for flowers for table decoration which is as deservedly popular as a prettily filled basket.

Another favorite decorative feature is a galvanized mantel pan. Have several of them of various sizes. Paint front and two ends black or very dark olive green. Fill with sphagnum moss, snugly and stem clusters of wood ferns and make as much like plants growing as your skill will allow. These same pans may be filled over and over again with any kind of flowers, attractive foliage, or banked full of plants.

Upon having inquiries for flowers for a table, ask whether they are for a dinner, luncheon, reception or banquet table; then get the size and shape of the table. A dinner or luncheon table may be round, square or long, and should be treated accordingly, as to shape of center-piece. A banquet table is usually a long one or a series of long ones. A reception table is round or square, or nearly so, and will take a high center-piece. The others should be low.

Do as much of the work for decorative jobs at the store as possible. Fill baskets and mantel pans with the sphagnum and stem the flowers. Often these pieces may be completed at the store. Also do all counting, sorting and trimming before starting.

It is a good practice to furnish all your own equipment, except a work table and step ladder. These can be had at any residence with little trouble. The less waiting upon you require at such busy times, the better will your skill be accounted.

GERTRUDE BLAIR.

A STORE AND A NOVELTY.

The illustration on page 355 shows the store of Seekins & LeBorious, at Duluth, as it appeared at Christmas. They did a fine business and increased their sales about fifty-five per cent as compared with the previous year. Red of course had the call. Poinsettias sold well. Red carnations were very scarce but red roses about met the demand. The way plants sold made one think of Easter.

One curious order they had was to make a "bouquet" of twenty-five one-dollar bills for a customer for delivery Christmas morning. It was certainly a novelty and they placed the "bouquet" among the flowers in one of their windows, where it attracted much attention, getting them a good write-up in one of the daily papers.

THE GOOD OLD YEAR.

"The king is dead; long live the king." The good old year is gone and our thoughts are directed toward the young year just at hand, but it is worth while to pause to review the work of 1904 and gather from it such lessons as we may for application to the tasks which lie before us.

For those of the cut flower trade, particularly in the great cities, 1904 was ushered in with no fair augury. In New York the stock market, that barometer of prosperity for the leading retail florists and hence for the wholesalers and producers, was flat on its back with a severe attack of indigestion. The symptoms pointed to the necessity for a major surgical operation but this, happily for the patient and the many sorrowing friends, was averted and by autumn the "spenders" were flush again. In Chicago the Iroquois theater disaster had put a quietus on all social activity just as 1903 went out and the effects of the blow dealt the retail flower business were apparent for many months, during which the shipping demand was the sole salvation of an over-loaded market. During the first few months of the year the flower business throughout the country felt the lassitude of the business depression general in other lines but the smaller the town and the farther west one went the less apparent was the check to retail demand.

The summer is always quiet as to cut flowers and in the autumn trade was slow in awakening but sudden frosts brought prosperity to the man with the house of early mums. Then came a quiet period up to the fall flower shows, since which the retail cut flower trade has struck its old gait. The quadrennial national election had less deterrent effect than usual this time.

The demand for cut flowers has shown a constantly widening market for high grade stock and a constantly narrowing market for the low grades, with growers in all the large centers keeping pace with the trend here indicated.

As to the holidays, Easter saw a very large business in practically all parts of the country, exceeding previous records and in the big cities affording a welcome oasis in a somewhat dry season. The lilies brought fair prices and all other cut flowers made good money, with good crops general. The call for flowering plants was large but there was no shortage. Decoration day was more important in a florist's view point than heretofore and it may be noted that this is a repetition of the experience of recent years. For memorial purposes quantity is more important than quality but the aggregate of sales is very large. Just after Decoration day came a tremendous crop of peonies, which sold cheaply. Thanksgiving is not a day which looms large on the florists' calendar but it marked the real awakening of the fall business and was generally satisfactory. Christmas is too fresh in mind to need much comment. The aggregate of sales was never greater but seldom were holiday demands more fully met. There was a weak market for white. Plants sold out clean if well grown. The tendency was to use little ribbon but many pot covers. Baskets and hampers of growing plants were great sellers. Azaleas did splendidly. This is a day for select stock and it brought fine prices.

With the general plantsmen the spring was a good one. The call for geraniums was never greater and everything in flower by the end of May was sold. In some places bedding stock sold up to the end of June. Vincas, ivies and echeveria were in short supply. Bedding roses never sold better and stocks of leading varieties were cleaned up early. Cannas started in pots did not go around. More pansy plants were wanted. Many peonies were planted in the spring and a great many more in the fall.

The rooted cutting specialists found a big sale for carnations but no great call for roses, nor did young rose plants in pots sell as in 1903, possibly due to the growing tendency toward carrying stock two or more years. Chrysanthemum cuttings never sold better. Field-grown carnation plants did not clean up; in the middle west many thousands were left to freeze up.

The dealers in novelties had a good year. In new roses the offerings were limited and sales not phenomenal but an even larger number of new carnations than usual was offered and all have found buyers in such quantities as to hold out incentive for continued activity on the part of the growers. The growing popularity of the carnation affords every incentive to grow the improved sorts.

Greehouse builders have some interesting comparisons to make between the construction of new glass in 1904 and in 1903. Almost without exception they report a small falling off, but a further examination shows that the decrease from the usual amount of building in the big cut flower centers, particularly in Cook county, Illinois, was considerably more than the aggregate falling off in the whole country, so that, while the big cut flower growers did less building than usual, the general florists throughout the country built more than usual.

A notable and perhaps the most important feature of the year was the great awakening of public interest in things floricultural. The fall flower shows were unusually successful and the general publications of all classes are giving more space than ever before to the affairs of our craft and to gardening topics. This should receive every encouragement at our hands and we should see to it that whenever possible the press is supplied with sane matter pertaining to our trade and our wares, for the power of the press as a developer of any industry can scarce be over estimated.



Christmas Plants at Alex. McConnell's, New York.

MUM MISS WINNIE TERRY.

The notes last week regarding Miss Winnie Terry were a little bit misleading in speaking of this as one of the Wells set for 1904. While Mr. Wells helped distribute the stock, the variety was raised in England by Wm. Bryant and should not be confused with the Australian-raised Wells-Packett set which have been uniformly good in their behavior in this country.

It is undoubtedly climatic conditions that are responsible for the fact that



Christmas Plants at Warrendorff's, the Ansonia, New York.

many varieties that are fine when grown in England are useless here. I have noticed this for years in importing and when one buys a variety solely on aecount of its European record he is apt to be disappointed.

Such in their day were Edith Tabor and Vicar of Leatherhead, both grand yellows over there. Elsie Fulton, a white, imported two years ago, is a magnificent thing in England, yet here it shows a big eye and not one bloom in ten is presentable. Mrs. J. Dunn imported this year has been called a white F. S. Vallis this fall in English periodicals. This would make it one of the largest varieties grown, yet Dunn with us, while neat and pretty, is far too small for our exhibition standard. True, it does not show an eye, which is the usual fault, but why this difference in size? The only thing to do, apparently. is to keep on importing and any kind that will not stand our "strenuous life" must be regretfully deposited on the rubbish heap. BRIAN BORU.

PROPAGATING MUMS.

Will chrysanthemum cuttings taken from the stumps already rooted give as good a flower as if rooted in sand?

W. W.

There is no earthly reason why they should not give just as good flowers as though they had been rooted in sand. They will, of course, be very early and will need topping several times before planting time but this, if properly done. does not detract any from the value of the plant, and the tops can be rooted and used to increase the stock. From March onward is as early as propagating need be done for commereial use. B. B.

QUANTITY OF COAL.

There seems to be an even greater variation than was thought in the number of pounds of coal required to heat a given area of glass. Of course, age and exposure of houses counts, as well as quality of coal.

One large grower north of Chicago states that burning Pocahontas coal took approximately fifteen pounds for each square foot of glass exposure to carry him through the winter of 1903-4.

Another grower near Chicago writes that he uses a southern Illinois coal which costs him $2.55 a ton f. o. b. Chicago and it took thirty-two pounds for each square foot of glass to carry him through the past season, carrying the houses at 50 to 52 degrees at night.

We should be glad to hear from others with the quantities and qualities of coal required. Much valuable information seems likely to be gained by a comparison of notes.

ANOTHER COAL MAN.

In this issue of the REVIEW we begin the publication of the advertisement of another coal dealer, the firm, Castner, Curran & Bullitt, being one of the leaders in its field, with offices at New York, Philadelphia, Boston, Chicago, Cincinnati and other cities. Theirs is Pocahontas smokeless coal and they already do a large business with those in our trade, shipping 600 to 1,000 cars a year from the mines in West Virginia to the florists north of Chicago, including several of the largest cut flower and vegetable growers. Last season this firm sold Peter Reinberg 7,000 tons of this coal. Florists differ as greatly on the question of the best fuel as they do on the subject of the best white carnation, but the United States Government has adopted this grade of Pocahontas coal as the standard for grading all steam fuel. It is the standard fuel for the warships of the United States Navy.

When you are in the market for coal address the nearest office of Castner, Curran & Bullitt for prices on Pocahontas and for literature on its heating value. Mention the REVIEW when you write.

CROTONS.

Please give the right treatment for crotons. I bought some nice small plants last spring and they did nicely until of late, when many of them have died. I have kept them in pots all summer, repotted them this fall in good soil, such as I use for begonias—black loam, sand and a little manure. Is this all right or too light? Do they require more heat than begonias? They stand on the bench where they do well. L. M. B.

These crotons should be in a temperature of not less than 66 degrees and shquld get plenty of water if the drainage is good. It is a safer plan to defer potting crotons till the spring growth commences. They should be placed on a bench with full exposure to the sun.

R.

FORCING LONGIFLORUMS.

On December 8, W. & N. gave their experience in forcing of Japan longiflorum bulbs. To start, I am not elaiming to be an expert or an authority on forcing bulbs, but in the past I claim to have grown as fine longiflorums as I have ever seen. A few years ago I had the very same trouble as W. & N. At Christmas I found my lilies had not started one iota, so I tried this experiment. I brought them in the full light and heat, 50 degrees at night and 65 degrees in the day to start and increased the heat a trifle. At Easter they were



Christmas Window at Wadley & Smythe's, New York.

beautiful, four to ten blooms and many over three feet high. Last season some of them were a little late on account of Easter being a little early or running my house a little cool. This season I potted my lilies and brought them in the full light and heat about November 1 and they are just coming through the ground nicely and pots well filled with roots. By running at about the same temperature as carnations they will come in full swing about April 15 to 20. Now this is my experience. I would not dare to say for everyone to follow it, but I make a success in this way and would advise anyone getting in the same fix as W. &. N. to give them a trial and I am safe in saying they will not be in the back row at Easter regarding blooms.

L. H. W.



SEASONABLE HINTS.

As the season advances and the bushes become stronger they will require more nourishment to mature the crops and this should be given to them just as soon as it is required.

During the busy season of propagating potting, etc., when so many crops are calling for attention, the rose benches, if they continue to do fair work, are frequently neglected in the matter of food and it is only after a crop shows signs of deterioration that the nourishment is given. Of course this is too late to do any good to that particular crop and it must be remembered that once starve a rose and it takes a long time to regain its vitality and if the food is given to the plant in large or strong doses while in this exhausted condition it is almost certain to give them dyspepsia or sour stomach. To provide against the plant suffering from want of food a light, rich mulch should be given and when the weather is bright this can be supplemented with liquid feeding.

If plants have been forced by raising the temperature previous to the holiday season, it is best and safest to lower this gradually until the normal is again reached; any sudden drop in temperature is bound to check the growth and cause trouble.

Keep the shoots tied up and the bench clear of dead and decaying leaves, for without cleanliness and fresh air it is impossible to produce good roses.

After protracted dull weather, when it is next to impossible to use the syringe with freedom, spider will be apt to increase and should be looked after carefully. Where there are any hot corners, there the spider is sure to lurk and if not destroyed will soon give trouble. A judicious use of the syringe will repay at this season.

By this time there should be no mildew; if there is any, it is the result of carelessness or neglect as any ordinary precaution will keep the houses clear of this pest at this season when there is a command of heat.

Fumigating once a week will under ordinary conditions keep green fly in check and if some red pepper is burned in the houses once a week there will be little trouble from thrips.

Care in watering, keeping an even temperature and judiciousness in ventilating will tide us over the short days and keep the stock from losing vitality till the sun gets higher and gives them more activity both in root and foliage.

Ribes.

MARECHAL NIEL.

Please tell me what to do with a large Marechal Niel rose I have in my greenhouse. It is in the ground and about ten feet high. It does not bloom enough to pay me for the room it occupies. It was cut back to six feet last spring and did fairly well. It gave one crop last summer and since then has been at a standstill and scarcely exists. I have given it wood ashes and a little lime, also liquid manure at different times. Would be glad for any information. L. M. B.

When Marechal Niel roses get too old they sometimes take a fit like this, possibly due to exhaustion of the soil, or the roots may have reached into some unsuitable food, and then they had better be thrown out.

If you still wish to retain the plant it would be advisable to dig around it and remove the old soil, give it a root pruning and fill in with a good compost. Ribes.

SPIDER ON PLANTS.

I send you some leaves from American Beauty and wish your expert would tell me through the Review what is the matter with them. They have been growing in 6-inch pots since the first of October and did finely up to the first of December, since which time they seem to have stood still and lost their leaves. I watered them with liquid manure up to December 1 and have them in a house with a temperature of 54 to 60 degrees at night and from 60 to 75 degrees in the day time, but they do not need any more water, as we do not get any more sun and they do not dry out. Please let me know how to handle them so that I get from four to six roses on them each before Easter. I would like to sell them in pots at Easter. P. J. K.

These Beauties are suffering from a very bad dose of red spider. Look carefully on the under sides of the leaves and you will find them covered with a very small and lively mite and the whole surface covered with a fine web. To remedy this syringe the under sides of the leaves every day and use sufficient force to dislodge the spider and break up the web.

Until you get them back to health do not use liquid or any other food, as this will aggravate the trouble. Ribes.

TROUBLE WITH SOIL.

Will you please examine this rose foliage and let me know what is the matter with it? It is two months that I have been with this plant. The man who was florist before I took hold of it, so the owner of the plant says, used lime by the wholesale and the soil shows it. I have tried all my remedies but cannot stop the foliage from burning and leaves falling. The soil the other florist used was black gumbo and the proprietor says he was making the soil for months. My houses run 55 to 60 degrees nights, 65 to 70 degrees days, with plenty of air. The houses were full of red spider and mildew when I took them, but have conquered that, but cannot stop this burning and the leaves falling.

The benches were water soaked when I took the plant. All the roses out of benches in pots do well and I set out some Perles since I came here out of the common soil and they are doing well. J. H. W.

From the appearance of these leaves it seems to me that there must be something wrong with the drainage. Gumbo soil, which I have tested several times, I do not consider at all fit to grow roses in, and especially if overdosed with lime. The treatment you are giving them is all right and if the soil and drainage were good they ought to respond. I should advise running them rather on the dry side for some time and refrain from feeding.

You have not had much time yet, during the most torpid period, to know if your treatment is to be effective, so I would continue it until the spring growth commences, when without doubt you will have better results. Avoid if possible using gumbo soil in the future. Ribes.

CARNATION NOTES.—EAST.

Early Propagation.

While it is somewhat early to begin propagation in earnest, it is none too soon to start the slower growing sorts, for with this class, unless good sized plants can be had at housing time, the returns come too late to be profitable.

Because large plants are needed when housed, it does not follow that the young stock must be so when planted out. The idea of early propagation is not so much to secure large plants as it is to provide a period of partial rest. Letting the rooted cuttings into soil early and gradually working them into a lower temperature will produce a natural, slow, sturdy growth and of course to follow this plan it will be necessary to provide a place separate from the blooming plants, also to use soil free from manure

or other fertilizers. Rotted sod is the ideal thing for this purpose as it contains the necessary elements to support the desired growth; besides the danger of fungous diseases obtaining a foothold is reduced to a minimum. Young stock handled in this manner makes rapid strides as the weather warms up and when planted in fertilized soil on the benches or in the field takes hold at once.

Another advantage of a slow growth is that we obtain a short-jointed plant, the proper foundation of a shapely habit.

From recent inquiries I feel constrained to caution growers against too strong forcing or heavy feeding. The only possible result will be sick plants, producing if at all only small, sleepy blooms with weak stem. Then to propagate from such plants is not in the line of improvement.

Next week I hope to give news of a new disease which is appearing in this section on Lawson. GEO. S. OSBORN.

A HALSTEAD SEEDLING.

Dr. A. S. Halstead, of the St. Clair Floral Co., Belleville, Ill., has a seedling carnation of which he thinks highly and which he proposes to exhibit at the Carnation Society's convention in Chicago this month. It is snow white, a seedling of Lizzie McGowan and Alaska. It blooms continuously and never bursts the calyx. The flower is an average of three inches in diameter and borne on stems eighteen to twenty inches long. Two days before Christmas a bench of it looked like a bank of snow and these were late planted, being benched the middle of October. The accompanying illustration shows the character of the bloom. Dr. Halstead says the variety is as easily propagated as its pollen parent, McGowan.



Seedling No. 10, St. Clair Floral Co., Belleville, Ill.

Vegetable Forcing.

VEGETABLE MARKETS.

CHICAGO, Jan. 4.—Cucumbers, 50c to $1.75 doz.; leaf lettuce, 30c to 35c case; head lettuce, $2.50 to $6 bbl.

BOSTON, Jan. 3.—Cucumbers, select, $8 to $13 box; seconds, $1.50 to $6 box; tomatoes, 35c lb.; lettuce, 25c to 35c doz.; radishes, 35c doz. bunches; mint, $1.25 doz. bunches; mushrooms, 50c to 60c lb.; asparagus, $4 doz. bunches.

CUCUMBERS.

What is the best cucumber for forcing? When should the seed be started to have them in crop by April 1? What is the culture? J. H. T.

The best variety to grow is White Spine. By sowing at once you may be able to get cucumbers fit for use by April 1, but you will not be able to have your plants in full bearing by that time. Plant two or three seeds in a 2-inch pot in a light, free and finely sifted soil. Place in a good bottom heat and give no more water than is necessary to keep the soil moist. If the soil is kept wet the seeds will be sure to rot. After the seedlings are up select the strongest plant in each pot and pull the others out. Gradually expose to air and light and when the plants have attained sufficient size to fill the pots with roots, move up into 4-inch pots. When they have used up the soil in the 4-inch pots they should be planted in the benches.

Don't fill the benches all at once, but make a hill of a few shovelfulls of soil and set them in this; later, when the roots appear on the outside of the hills, more soil can be added. Planting thus in hills often averts a good deal of trouble from stem rot, which is caused by the soil around the necks of the plants getting too wet. An open, fibrous soil is best for cucumbers with about one-quarter of well rotted manure added.

A night temperature of not less than 65 degrees, with a rise by day of 15 to 20 degrees is required. Atmospheric moisture is necessary to the health of the plants and frequent syringing must be given to keep the plants free from insects. Pollination of the flowers is necessary to insure a crop, regarding which please see article in FLORISTS' REVIEW, issue of December 8. If the plants are set about three feet apart it will give ample space for the lateral or side shoots, which must be depended on to produce the fruit. When they have covered the space allotted to them they should be stopped to prevent crowding and the points of the main shoots should be pinched out when they reach the top of the trellis.

W. S. CROYDON.

CINCINNATI.

The Market.

Everything taken into consideration, Christmas trade this year was all that could have been desired. By far the greater part of the retail stores report trade as being fine and the wholesale houses report the same. As is usually the case, red flowers were far from being plentiful enough to fill orders. The supply of Beauties was not as heavy as one might expect and a few orders were unfilled.

Maids of course had the call over Brides but after they had been all cleared out the latter went as well and on Sunday the market was entirely cleared out. Carnations sold well, even white being taken in a hurry. Some very good stock was on the market. Lilies and all bulbous stock sold at fine prices. The violet market was fair but owing to some of the stock arriving in very bad shape it had to be sold at a low price to move it at all.

Of the outdoor decorative stock there seemed to be any quantity and it could be bought very reasonably too. There was no scarcity in good holly as was expected. Christmas bells never sold better and many reported that they could have used many more. Blooming plants also sold very well; in fact, much better than last year.

Altogether Christmas brought very good business. I do not believe that the aggregate is much ahead of last year, yet, if you will remember, last year was a high water mark.

At present stock of all kinds is scarce and sells at sight, good stock being especially in demand.

Saturday, January 4, is the next meeting of the Florists' Society.

Theo. Bock is out with his calendar as usual and it is a very pretty one.

C. J. OHMER.

MINNEAPOLIS, MINN.—Will Bros. have a seedling carnation, known as No. 56, which they expect to do great things at the Chicago exhibition of the American Carnation Society. It is a very large light pink, a seedling of Enquirer and Bradt.

MAXILLARIA LUETO-ALBA.

The accompanying illustration of Maxillaria luteo-alba is reproduced from a photograph taken at the establishment of Harry G. Selfridge, Lake Geneva, Wis. C. H. Gebhardt, the head gardener, supplies the following descriptive and cultural note:

"Pseudo-bulbs ovate, oblong, two inches long; leaves broadly lingulate, fifteen to twenty inches long; flowers large and fragrant; sepals linear, oblong, three inches long, white at the base, the remainder tawny yellow, reddish purple behind; petals similar but narrower; lip three lobed, the side lobes erect, whitish streaked with dark purple on the inner side.

"This is a fine plant, of easy culture. I wonder why it is not frequently seen in private collections. It is from New Granada. We pot them when the new roots begin to appear, in a compost two-thirds osmunda roots, one third sphagnum moss, two-thirds broken pots at the bottom. After potting we water sparingly until they root freely, when we give more water until the new growth is ripe. We shade heavily in summer and give plenty top and bottom ventilation. We keep them in our Mexican house and they do well."

PRONOUNCING DICTIONARY

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Frequent inquiry as to the correct pronunciation of plant names has led us to compile the following list of names, selecting those in most common use in the trade, and including botanical terms most frequently met with in articles upon plant culture.

In our list we have used the following

KEY TO PRONUNCIATION.

a as in fat	e as in met	ō as in note
ā as in fate	ē as in mete	ö as in move
ä as in far	è as in her	ô as in nor
â as in fall	i as in pin	u as in tub
ă as in fare	ī as in pine	ū as in mute
à as in Persia	o as in not	ů as in pull

The syllables to be accented are marked thus ′.

(CONTINUED FROM LAST WEEK.)

I

Iberis—(ī-bē′ris).
Ilex—(ī′leks).
Illicium—(i-lis′i-um).
Imbricata—(im-bri-kā′tå).
Impatiens—(im-pā′shi-enz).
Imperator—(im-per-ā′tor).
Incarnata—(in-kär-nā′tå).
Indica—(in′di-kå).
Indivisa—(in-di-vī′så).
Inflorescence—(in-flō-res′ens).
Inga—(ing′gå).
Insecticide—(in-sek′ti-sīd).
Insigne—(in-sī′nē or in-sig′nē).
Insignis—(in-sig′nis).
Involucre—(in′vō-lū-ker).
Involute—(in′vō-lūt).
Ipomæa—(ip-ō-mē′å).
Iresine—(ī-re-sī′nē).
Iris—(ī′ris).
Isolepis—(is-ol′ep-is).
Itea—(ī′te-å).
Ivy—(ī′vi).
Ixia—(ik′si-å).
Ixora—(ik′sō-rå).

J

Jackmanni—(jak-man′nī).
Jacobinia—(jak-ō-bin′i-å).
Jacquiniæfolia—(jak-wi-ni-ē-fō′li-å).
Japonica—(ja-pon′i-kå).
Jardinière—(zhär-dē-nyār′).
Jasmine—(jas′min).
Jasminoides—(jas-min-o-ī′dēz).
Jasminum—(jas′mi-num).
Johnsoni—(jon-sō′nī).
Jonquil—(jon′kwil).
Juglans—(jō′glanz).
Juncus—(jung′kus).
Juniper—(jō′ni-per).
Juniperus—(jō-nip′e-rus).
Justicia—(jus-tish′i-å).

K

Kæmpferi—(kem′fer-ī).
Kalanchoe—(kal-an-kō′ē).
Kalmia—(kal′mi-å).
Kentia—(ken′ti-å).
Kerria—(ker′i-å).
Kniphofia—(nip-hō′fi-å).
Kœlreuteria—(kel-rō-tē′ri-å).
Krameri—(krā′mer-ī).
Kraussiana—(krous-i-ā′nå).

L

Labiata—(lā-bi-ā′tå).
Laburnum—(lā-ber′num).
Laciniata—(lā-sin-i-ā′tå).
Lælia—(lē′li-å).
Lævis—(lē′vis).
Lagerstrœmia—(lā-ger-strē′mi-å).
Lanata—(lā-nā′tå).
Lanceolata—(lan-sē-ō-lā′tå).
Lancifolium—(lan-si-fō′li-um).
Lantana—(lan-tā′nå).
Lanuginosa—(lā-nū-ji-nō′så).
Lapageria—(lap-a-jē′ri-å).
Larix—(lā′riks).
Larpentæ—(lär-pen′tē).
Larva—(lär′vå).
Larvæ—(lär′vē).
Lastrea—(las-trē′å).
Latania—(lā-tā′ni-å).
Lathyrus—(lath′i-rus).
Latifolius—(lat-i-fō′li-us).
Laurus—(lâ′rus).
Laurustinus—(lâ-rus-tī′nus).
Lavandula—(la-van′dū-lå).
Lavender—(lav′en-der).
Lawsonianum—(lâ-sō-ni-ā′num).
Leguminous—(lē-gū′mi-nus).
Leichtlini—(līkt′lin-ī).
Lemoinei—(lem-oi′nē-ī).
Lespedeza—(les-pē-dē′zå).
Leucanthemum—(lū-kan′thē-mum).
Leucoium—(lū-kō′i-um).
Leucophyllum—(lū-kō-fil′um).
Leucothoë—(lū-koth′ō-ē).
Liatris—(lī′a-tris).
Libocedrus—(lī-bō-sē′drus).
Libonia—(lī-bō′ni-å).
Lichen—(lich′en or lī′ken).
Licuala—(lik-ū-ā′lå).
Ligustrum—(li-gus′trum).
Lilium—(lil′i-um).
Lily—(lil′i).
Limnanthemum—(lim-nan′thē-mum).

(To be continued.)

WILLIAMSPORT, PA.—M. A. Maxiner has built a range of up-to-date greenhouses and opened a store at 345 Pine street.

PHILADELPHIA.

The Market.

The supply of flowers was not so large at New Year's as the week before. Prices, which fell immediately after Christmas, were well maintained on nearly all good stock until after Tuesday. The demand on Friday, Saturday and Monday was excellent, a number of entertainments and weddings augmenting the regular New Year's demand for presents.

There has been great activity in political circles. The opening of the state legislature at Harrisburg, the installation of several new city officials here and a like occurrence in Camden called for many floral tributes from admiring friends, Senator Vare being especially fortunate.

Beauties and Liberties were popular. All roses are in demand. The receipts of carnations have been larger than any other flower. The demand is for the fancies; poorer grades do not sell to advantage. Violets are not in demand and prices are declining. Bulbous flowers do not sell well.

Craig Creditors to Choose.

John Burton, assignee of Robert Craig & Son, has called a meeting of the creditors of that firm for 3 o'clock on Thursday, January 12, at Forty-ninth and Market streets, to consider two proposals: First, the acceptance of 50 cents on the dollar for their claims, payable on or before June 15; second, the exchange of the claims for stock in the proposed Robert Craig Company.

A Chat With Mr. Stroud.

Edward A. Stroud, whose splendidly equipped plant at Strafford has been the Mecca for carnation growers during the past year, is a grower of the modern school, with ideas well worth knowing. The Strafford place is sending extra fine blooms to this market, blooms that at Christmas brought the highest prices. Phil was fortunate in meeting Mr. Stroud at S. S. Pennock's the other evening—Mr. Stroud believes in posting his commission merchant on what he is about to ship to him—and gleaned some facts and ideas that may interest the growers.

Of some twenty of the best varieties planted last season the most profitable were, first, Enchantress; second, Alpine Glow; third, Mrs. Lawson; fourth, May Naylor; fifth, Henry Fenn, sixth, Genevieve Lord; seventh, Mrs. Francis Joost; eighth, Prosperity. Quality is considered of paramount importance. No effort is spared to have only the best flowers, which the retailers will welcome as above the average and depend upon for their best customers.

Christmas forcing is not favored, as it tends to lower the vitality of the plants and as a consequence the quality of the product. While unprofitable varieties are, of course, discarded, the aim is to have a score of the best sorts, covering all the colors and shades of color popular with flower lovers, as it is found that one variety helps to sell another. Some thought has been devoted to an improved shipping box, but as yet with no practical results.

The Green Leaf.

Mark B. Mills is authority for the statement that the green leaf tag now

used on boxes of growing plants sent by express has led to an improvement in the promptness with which these perishable goods are forwarded. Mr. Mills states that on receiving a box with the green leaf on it, the express companies at once notify their agent at the point of destination to be on the lookout for the box and to forward it promptly. Notices to the same effect are also posted in the large express offices. It is gratifying to know that this result of the combined effort of the leading shippers has been successful in minimizing the disastrous delays that now and then attend the transportation of our perishable products.

A Christmas Story.

Phil has been a bit criticised now and then for saying that the growers as a class didn't know how to sell stuff. It is absolutely true, nevertheless. Who would think of contradicting the statement that the wholesalers do not know how to grow stuff? One statement is quite as true as the other. A story told the other day will admirably illustrate the point.

A certain grower had an exceptionally heavy Christmas cut of, let us say, Prosperity. He carried the stuff to town himself to his best customer, whom he greeted with effusion. To his surprise the retailer did not seem particularly glad to see him, looked dubiously at his heavy load and remarked several times that business so far was not what it should be. The grower felt very uneasy. What if his Prosperities should be declined? He had so many, no one else might want them. He had intended asking, we will say, $15 a hundred but decided that $10 would be safe. The good ones were all accepted, but the grower's satisfaction was somewhat marred before he left town. Business began to improve at a lively rate and he saw his Prosperities retailed at $3.50 a dozen.

Various Notes.

M. Rice & Co. are going to introduce some high class novelties the coming season, which no doubt will be winners, and should be seen by all progressive florists.

William J. Muth, manager of the Philadelphia Cut Flower Co., was elected a member of the Florists' Club last Tuesday evening.

The Pennsylvania Horticultural Society has increased its dues for 1905 from $3 to $5 per year.

The Leo Niessen Co. is receiving fine white sweet peas, also single daffodils.

The Cut Flower Co. is receiving superb mignonette.

The H. F. Michell Co. is putting valley in cold storage. PHIL.

DENVER.

Christmas trade opened at a much earlier date than usual and under more favorable conditions. The weather was all that could be desired and stock was in the best condition, which resulted in doing the best plant trade ever known here at holiday time. Probably three-fourths of the Christmas tokens used in the floral line out here are blooming or attractive foliage plants and the more attractive they become from year to year the more they are sought after and appreciated by the flower lover and valued by the cultivator. In this department the wholesale men were cleaned out early



Maxillaria Luteo-Alba.

in the week. Contrary to previous experience, Begonia Lorraine had a big run and those who overlooked its value as a holiday plant, and some who last year were not satisfied with the results attained, are now quite chagrined. There is no question about its value as a money maker when well done. Cyclamens also have increased in popularity and are more in demand every year. Few plants have improved in variety more than the cyclamen and few plants will give better returns when well done. Poinsettias had an unprecedented sale and, although the stock was fully fifty per cent more than previous years, the most were disposed of. Those grown in pans from the later propagations, found ready sale. Azaleas sold readily, some of the growers having the best specimens ever seen here. Mardner, when not over forced and allowed to retain its beautiful color, is certainly the best seller. Primulas, both Sinensis and obconica, when grown in low pans are quite an acquisition at Christmas time and sell fairly well. Bulb stuff was rather scarce. There were some good Harrisii lilies and Paper White narcissi and some very unsatisfactory valley.

There was an ample supply of cut flowers, excepting Beauties, which were exhausted much earlier than other flowers. Probably their cheapness created the early demand. Top notchers sold for $12 and shorter varieties went as low as $5. Bride, Maid and Chatenay brought from $2 to $4 and Liberty slightly higher. In carnations, Enchantress, Flamingo, Indianapolis and White Lawson brought $2 per dozen and ordinary good varieties went as low as $1. Violets sold at $4 per hundred but many a purchaser paid this price with considerable reluctance.

Christmas greens, such as holly, lycopodium and California pepper had an enormous sale this year, the largest portion of it being done by the street corner vender.

Store window decorations, while not showing much originality, were very attractive. Scott showed what could be done in red and both his windows were elaborately arranged in this color. Bells, poinsettias, natural and artificial, red lights etc., in profusion had the desired effect of attracting the masses.

The Park Floral Co.'s window, while not so elaborate, was neatly arranged with poinsettias and California peppers shaded with red lights. The pepper was used as a drapery on the grill work surrounding the upper portion of the window and held its foliage and berries well through the week. This store was completely lined with holly from ceiling to wainscoting and looked fine when seen under the influence of electric light.

GREAT DIVIDE.

DES MOINES, IA.

Ye scribe took a run among the craft today and found them well satisfied with Christmas sales; that is, they all sold out what they had, and that is all one could ask. In fact, Christmas trade was better this year than last, with prices about the same or better on some things. Holly and greens were to be had at the grocer and butcher and the florists here do not expect much demand for them.

I first stopped at J. F. Marshall's to see his new house. It is a beauty. He has it planted with Prosperity and McGowan. I expect some of you will laugh at this, for we realize that McGowan is a back number, but when it pays better at $2 per hundred than Prosperity at $5, then the laugh is on the other fellow, for it is dollars we are after and Mr. Marshall grows that which produces the most dollars. Just here let me say that he has a new carnation grower at his house, or will have in after years if all goes well, but at this writing he is only one week and one day old.

We next touched at Julius Ledig's and the greeting we got was, "We sell all we can grow." His mums are followed with a crop of lettuce and this to be followed with bedding plants. His carnations are fine, but his roses are backward on account of mildew.

J. T. D. F.

NEW YORK.

The Market.

The New Year hardly caused a ripple on the floricultural sea. Saturday was an exceptionally good Saturday and that was about all the extra indication of the coming of the glad New Year. There was no over supply, no pickled stock and no unnatural prices. Monday was peaceful and restful. The majority of the wholesalers closed their doors and started for the bosoms of their families at 1 o'clock. By 3 p. m. every curtain was rung down and peace and quiet prevailed. Most of the retailers were still open when the evening shadows fell, but there was "nothin' doin'."

It was one of the quietest New Year's on record. A London fog and spring temperature were unseasonable and depressing. The January thaw was promptly on time. There seems to be little left in the plant line in any of the stores. Inquiry of their proprietors indicates one of the best Christmas seasons in the city's history. Prosperity was general. There has been no honest complaining as to results. Everybody did well and all start the New Year cheerfully. The indications are favorable for four of the best months the business has ever known here.

Just at present shipments of cut flowers from the growers are light and good prices have been easily maintained. Violets do not show the animation expected and they have to be specials indeed to command over $1 per hundred. Doubtless as the week progresses quite a reduction from New Year's quotations will be made. The out of town demand for orchids continues. A great many are shipped daily. Cypripediums were too abundant and severe cuts were necessary to move them. There seems to be a limitless supply of carnations. If abundance is an indication of sovereignty, then the carnation is surely king.

As to the future, the general opinion is optimistic and all branches of the business seem to start the new year with ambition and hope in the ascendancy and expectation of a successful year almost universal.

Various Notes.

All members of the New York bowling club are requested to attend a special meeting to be held at the club's alleys, West Thirtieth street, Monday afternoon, January 9. The club will bowl from 3 to 7 p. m., prior to the regular meeting of the New York Florists' Club. Any exhibit of novelties in plants and flowers will be welcomed and these may be sent in care of Secretary John Young and will be properly staged for the evening's display. A large attendance is anticipated. The installation of officers will take place and many interesting features will make the inaugural meeting one of special value to all. To surpass the average attendance of 1904, it is quite desirable that no less than 100 be on hand on Monday evening.

A wave of grippe, bronchitis and pneumonia has been sweeping over New York and vicinity during the past two weeks and few of the trade have escaped a dash of the spray, while many have been thoroughly submerged and some are on the sick list still. Some of the best bowlers are among them. Matches are close at hand with the clubs of Hoboken, Flatbush and Madison and it behooves these old standbys to brace up rapidly. So far the club has almost an unbeaten record. It was a cold night at Madison and the New Yorkers simply found it impossible to warm up in a strictly temperance town, but that was the first and last defeat of the season.

Theo. Lang, the captain of last year's aggressive aggregation, will roll with the club during the balance of the year. Only the best bowlers will uphold the club's prestige in the remaining matches. Several large balls and decorations to come ought to put nerve into Mr. Lang's good right arm and keep his average over the 200. J. AUSTIN SHAW.

BUFFALO.

It's about time I awoke from the hybernating state and joined the procession. Seven weeks' rest, mostly on my back, has not refreshed me any, but I am getting there fast.

My brief report of Christmas doings is a week behind your other correspondents, but there is an advantage in that, as I get the benefit of all the reports and can at least strike an average. The Buffalo trade seems to have been most satisfactory, while we believe some of the leading stores can truthfully say that their business was a considerable advance on any previous year. Taking the whole city through, we don't think the aggregate of business done was much if any, ahead of last year. First of all the weather could have been 500 times better: Cold early in the week; then a thaw on Friday, leaving the streets bare; then on Saturday, the great plant delivering day, a drop to a few degrees above zero. We think plants were rather a bigger business than cut flowers. Bouquet green was in large demand for many purposes and was well cleaned up. Holly was an oversupply in spite of the immense quantity sold and with the exception of a case here and there it was of very poor quality. With the help of the ilex berries it made wreaths and everybody wanted one and some a score.

It's not easy to say what flower took the lead. First-class roses were scarce. Colored carnations were in great demand, especially red. Violets went rather slowly. They reach rather too elevated a price in this city. In plants also there may be a difference of opinion which was the most popular. We know that Begonia Lorraine, azaleas, ericas and poinsettias in all shapes sold well and cyclamens and other cheaper plants all went off. One man expressed it by saying: "Everything sold well."

W. J. Palmer & Son had a grand cut of Liberty rose, which sold at retail for $9 per dozen. They also had immense quantities of their Red Lawson carnation, just the thing for the season.

S. A. Anderson had a grand lot of Lorraine begonias and poinsettias.

Miss Rachel Rebstock made a brilliant show of everything desirable in the market. J. H. Rebstock, H. Keitsch & Son, Byrne Bros. and L. H. Neubeck and the other Main street florists made fine displays and are well satisfied with results. From a few days before Christmas up to date there has been a succession of society events of some magnitude, which has kept one or another firm busy and incidentally helps all.

During our retirement it happened, we believe, that few florists visited our town, but on Christmas day we were invited to go down-stairs to speak by telephone to Jimmy Fiancee Hartshorne, the honorable president of the American Carnation Society, who was passing through Buffalo. We would have liked to very much, but we felt just then that if we were given the startling news that the ark with Noah as commodore was sailing down the icy surface of Lake Erie, we should not have gone to the window "to have a look." W. S.

BROCKTON, MASS.

Christmas trade was very satisfactory in every way and there was a substantial increase in sales as compared with 1903. The demand for flowering plants was exceptionally strong. A good many foliage plants were also sold. In cut flowers carnations were easily the leaders. There was also a good call for violets, roses, lilies and other seasonable flowers.

W. W. Hathaway, on Main street, kept eight clerks busily employed for several days prior to Christmas. He estimated his store trade at twenty-five per cent over 1903. In holly and wreathing, sales were very large. Flowering plants sold finely, including Lorraine begonias, azaleas, poinsettias, solanums, primulas, cinerarias and cyclamens. In cut flowers, roses sold well, chrysanthemums rather slowly. Of carnations and violets there were not enough to go around. Mr. Hathaway notes an increasing call for orchids. Of these he has been making weekly displays in his windows.

C. A. Reed, on Main street, did a big trade in flowering plants and was practically cleaned out. Lorraine begonias, Roman hyacinths in pans, azaleas and primulas were favorites. Palms and fern dishes also sold well. Holly and other green stuff were in brisk demand. Violets, roses and carnations were the best selling flowers. Christmas bells also went well. Sales were fully twenty-five per cent greater than a year ago.

Mrs. Moir, on Center street, had a very attractive Christmas display in her windows. In plants she had an extra good sale for Lorraine begonias, primulas, palms and fern dishes. Carnations and violets were the favorites with cut flower buyers.

Thomas Greaves, at the Crawford Greenhouses, had a big crop of carnations of fine quality in for the holidays, also a fine general assortment of other flowers. All of Mr. Greaves' flowers are handled by C. A. Reed.

Harry Cole, at the Copeland Greenhouses, Campello, had a fine Christmas trade for his first year in business. In addition to carnations and other staples he had a nice cut of cattleyas and cypripediums, which were readily disposed of at good prices.

One of the dry goods stores made a feature of Boston ferns and Asparagus plumosus, of which they appeared to dispose of a good number.

W. B. Arnold, Rockland, is shipping a fine lot of his new Variegated Lawson carnation to the local stores.

W. N. CRAIG.

RICHMOND, IND.—The Advance Co. was granted a patent December 6, on a new ventilating apparatus which it intends soon to put on the market.

NEBRASKA CITY, NEB.—H. H. Cotton reports Christmas business fully fifty per cent greater than in 1903. Carnations were the best seller, with Lorraine begonias the most popular plant ever shown here.



Bulbous Stock at Geo. A. Kuhl's, Pekin, Ill., Photographed December 18.

ST. LOUIS.

The Market.

Trade among the wholesale and retail stores between Christmas and New Year's was, generally speaking, good. The consignments were not large and the local demand, coupled with shipping orders, cleaned up stock nearly every day.

New Year's business did not call for much extra stock, which was not as plentiful as at Christmas, and prices were somewhat lower. Transient trade the past week was very quiet, but a great deal of funeral work was made. White stock was more in demand than a week ago. There are plenty of good roses to be had but Liberty and Meteor are scarce. Beauties of the fancy order are very limited but the other grades are more plentiful.

Carnations are having a great call, both white and colored varieties. On Saturday the market sold up clean on everything good. Violets were stickers the past week and the price went down as low as 75 cents per hundred. On Saturday the price doubled again and stock moved satisfactorily. Romans are coming in big lots. Paper Whites are not so plentiful. Lily of the valley is moving slowly. Harrisii and callas are scarce. Green goods are slow this week, although smilax and asparagus have some call.

Various Notes.

It pains me to report the death of our old friend, Patrick Quinn. He was killed near his place on Arlington avenue in an altercation with a teamster. "Pat," as he was better known, was for twenty-five years foreman for the old Jordan Floral Co. He was 42 years old and leaves a wife, three children, two brothers and a host of friends in the trade to mourn his loss. The funeral took place Monday afternoon to Calvary cemetery. Floral designs were numerous and many of the old-timers were present.

Fred Foster has the sympathy of the trade. Death has taken away his only daughter, Edith, 8 years old. The funeral took place December 30, many of his friends in the trade attending.

Henry Emunds, of Belleville, called the past week and reports a fine trade during all of the holiday week, with plenty of his own stock to fill orders for New Year's.

A. Jablonsky, of Wellston, reports a big trade, both local and shipping, in Begonia Gloire de Lorraine and that his plants were never finer.

Michel Plant and Bulb Co. are having a big sale of their surplus stock, also Boston and Pierson ferns. All their stock is of good quality.

C. A. Kuehn says those red folding paper Christmas bells sold out clean, with many more calls for the 6-inch size.

The Ellison Floral Co. had one of the most attractive window displays in the west end during Christmas week, the daily press giving them special notice.

Fred H. Weber, on Boyle and Maryland avenues, says trade was way ahead of last year, especially in plants of all kinds, with Christmas greens in great demand.

Wm. Schray & Sons did a rushing plant trade. Everything sold well. Cut flowers, too, had a great call.

Frank M. Ellis reports a big sale on California violets. Even at the high prices everything sold clean.

Kalisch & Sons report an extra large demand for cut flowers and plants during the holidays.

Oscar Heile and the Diemer Floral Co., who play the parts of rivals on South Broadway, report a good Christmas trade.

Alex. Waldbart, in the extreme west end, had a fine trade in blooming plants and plenty to do with cut flowers.

Max. Rotter, on North Broadway, reports a large cut flower trade during Christmas week, with plenty of funeral work.

George Wagner, on Maryland avenue, is greatly pleased with his season's business.

From what I can learn this early, about twelve will attend the carnation meeting at Chicago. At the Florists' Club meeting next Thursday afternoon the number may be increased to fifteen, perhaps twenty. At this meeting the trustees will announce the list of essays for the new year. President Juengel will be on hand, as he has recovered from his sick spell.

Bowling.

It is understood that the Florists' Bowling Club will call a meeting and invite all the florist bowlers to take part in the weekly bowling as usual for the past twelve years. Those who are rolling in the different city leagues will take part when their season closes, in about four months. Those who are expected to attend this meeting are F. C. Weber, Theo. Miller, C. A. Kuehn, A. Y. Ellison, Carl and Robert Beyer, Ed. Gerlach, Fred Weber, Jr., C. C. Sanders, Fred Meinhardt, Frank Ellis, O. R. Beneke, E. W. Guy, Henry Lorenze and J. J. Beneke.

J. J. B.

GRAND RAPIDS, MICH.

The Grand Rapids Florists' Association met at the office of Henry Smith, Monroe and Division streets, December 27 to discuss the first month's business of the Chicago agency. The agency was established December 1, several of the local florists uniting in the attempt to secure a Chicago market for their surplus stock. Thus far the plan has proved most satisfactory. The local florists have shipped their surplus stock and have found a ready market for it. Although the business is still in its infancy, it is expected that it will work so satisfactorily in the end that it may be enlarged even to the extent of opening agencies in other cities than Chicago. All the local growers are highly pleased with the experiment, as it prevents a lot of surplus stock spoiling on their hands because of there not being a sufficient demand for this grade in Grand Rapids.

BUTTE, MONT.

A few words in regard to Christmas. The Butte Floral Co. had their greatest Christmas since in business and were completely sold out Sunday morning. The only objection was they could not get enough stock. Luckily they had about 100 azaleas, which were decorated and sold very readily. Their display was grand and many visitors changed their minds about the wild and woolly west. Mr. Wilhelm, in charge here, must be given credit for his windows, also his interior decorations. J. Seitz, at the greenhouse, certainly hustled to get his azaleas in and Robert Miller, the rose grower, cut a fine lot, both carnations and roses. The weather was very cold, with lots of snow and ice, which made it harder for us.

Our best seller was Enchantress, which brought $3 and $4, Beauties brought from $15 to $25, roses from $5 to $8 and the other carnations brought $2, Lawson $2.50 and $3.

WICHITA, KAN.

The Christmas trade was enough better than last year to keep up the record of advancement each year. Holly and greens sold well, holly being short in supply, as the florists could not get their orders filled from the wholesalers. Prices were about the same as last year. Bulb stock had a slow sale, except in assorted boxes. The quality of cut flowers was good in most cases. Blooming plants had a fair sale, but not much call for palms, etc. Azaleas were in the lead with pans of Romans next. Weather conditions were good. Prices on cut flowers, while no higher than heretofore at Christmas, prevented many from buying, but the supply was exhausted and orders declined for lack of stock.

W. H. CULP.

THE REVIEW is the standard adviser today on floriculture.—FRANK BROS., Beardstown, Ill.

BOSTON.

The Market.

Following Christmas, supplies were unusually small until December 31. Growers no doubt were wise in allowing retail buyers to use up their heavy purchases of the preceding week. Trade was quiet for several days, but improved on New Year's eve, when stock cleaned out very nicely. New Year's day is not kept here as in other places and occasions no extra call for flowers, outside of a few dances and similar social functions. The present week will, however, see a real start to social activity. Quite a number of dinner parties of prominent society leaders will help to enliven business.

Prices have dropped all around from Christmas figures, as was to be expected, but as a rule are still satisfactory. Best Beauties have sold at from $60 to $75 and from these figures down to $6 per hundred. Brides and Bridesmaids for select stock have brought $12.50, a few extra fine making $16, poorer grades down to $4. Top price for Liberty has been $25. Carnations have made $4 to $6 for good stock, some extra fine Enchantress going for $7 and $8. Violets are coming in more freely. About $1 is the average for doubles, extra good single making $1.50. A few chrysanthemums still come in. There is no great demand, however, at $6 per hundred. Cut poinsettias of various grades are more plentiful, but are not in much request. Campernelle jonquils at $2 and Trumpet major narcissi at $6 are seen in small lots. Roman hyacinths and Paper White narcissi are hard to move. Callas and Lilium Harrisii average $12.50 per hundred. Freesias are coming from several growers, also some nice white and yellow marguerites. Prices on "green goods" remain about the same, with no particular increase in demand. The new year opened with phenomenally warm weather. This will tend to increase output of flowers and may reduce prices.

The Lecture Program.

The following is the program of lectures and discussions for the season 1905 at Horticultural Hall, meetings open each Saturday at 11 o'clock. January 14, "Some Recently Introduced Weeds," by Merritt L. Fernald, Cambridge; January 21, "Forest Planting for Profit in Massachusetts," by Theodore F. Borst, Boston; January 28, general discussion on fruit, opened by E. W. Wood, West Newton; February 4, "Finding of an Orchard Survey in Western New York," with stereopticon illustrations, by Prof. John Craig, Ithaca; February 11, "Dwarf Fruit Trees, Their Uses, Propagation and Management," by Prof. F. A. Waugh, Amherst; February 18, "Bacteria as Fertilizers," with stereopticon illustrations, by Dr. Geo. T. Moore, Washington; February 25, general discussion on flowers, opened by J. W. Manning, Reading; March 4, "Some Aspects of Hardy Flower Culture," by A. Herrington, Madison, N. J.; March 11, "The Return to Nature," by Miss Maud Summers, Cambridge; March 18, general discussion on vegetables, to be opened by W. W. Rawson, Arlington.

The comparative dearth of practical floricultural topics in the foregoing list is to be regretted. It would seem to be necessary to add some practical florist or gardener to the lecture committee another year to secure a more interesting program. There is certainly little in the coming course to appeal to florists.

The inaugural meeting of the Massachusetts Horticultural Society for the year 1905 will be held on January 7, at Horticultural Hall. The business will consist of hearing an inaugural address from the president-elect, A. F. Estabrook, the reports of officers and the reports of the chairmen of the various committees.

Various Notes.

William Malloy and James Denning, at the Park street market, salesmen for the J. A. Budlong Co., of Providence, R. I., are both on the sick list, the latter being quite seriously ill. Barney McGinty, of the same market, is also suffering from blood poisoning.

W. H. Ward, of Montvale, has been shipping extra good Mont Blanc and Earliest of All sweet peas to the stores for some time, also a high grade of carnations. Mrs. Ward makes a very efficient and gracious saleslady for the same.

Evans, of Watertown, is sending in quantities of his high grade of mignonette to the Park street market. Messrs. Kidder and Spillbury's single violets at the same stand are extra fine.

J. Horrigan, of East Foxboro, is very dangerously ill. He is one of the stall holders at the Park street market.

At the new market, Tailby, of Wellesley, is selling the first sweet scented jonquils. A. H. Fewkes, of Newton Highlands, has fine white and yellow marguerites and Edward Bingham, of Dedham, extra good violets.

Thomas Pigler, who acts as salesman for Oscar L. Dorr, of Sharon Heights, at Park street, has about 3,000 very fine Campbell violets daily. He sold 35,000 of these on December 24. At the same stand Mrs. L. C. Fisk, of Upton, is handling quite a lot of variegated stevia.

F. R. Pierson, of Tarrytown, was a caller the past week. He had been looking up various new carnations and we understand liked Arnold's Variegated Lawson so well that he purchased the same.

W. E. Doyle reports Christmas sales far ahead of any previous year. Azaleas were the best sellers in plants, those at from $4 to $7 each being favorites. Killarney rose is a great favorite with Mr. Doyle and for so single a variety it is a great keeper. Among other plants and flowers shown at the Boyleston street store the past week were Rose Eglantine, with a delicious sweet brier odor, double prunus, Euphorbia Jacquiniæflora and very fine white lilac.

McMulkin had a very pretty white window this week, roses, carnations, valley, white azaleas, camellias, hyacinths, Lilium Harrisii and other seasonable flowers being tastefully displayed.

A local grower, who had an overflow of white carnations at Christmas, says he will experiment with dyes to see if he can produce scarlet ones another season. He says if all his whites could have been dyed of a Manley or Flamingo hue he would have been many a dollar in pocket.

Alexander Ogg, the grower of the specimen Lorraine begonia, of which a cut appeared in the last issue of the REVIEW, has some 200 similar specimens at Southboro, Mass. His best plants were rooted in September, 1903, and carried over winter in a carnation house. We omitted to mention that at the last club meeting Mr. Ogg also showed flowers of a splendid type of Cypripedium insigne montanum.

While energetic measures are being taken to fight the brown tail and gypsy moths in a number of our nearby towns and cities the coming season, news comes from the state entomologist of Maine that the brown tail has infested large areas in that state, many trees in widely separated sections being loaded with nests.

A Massachusetts subscriber asks us to advise him through the REVIEW how to rid his carnation house of mice, which are eating the buds. There is no better preventive than one or two greenhouse cats. As the trouble is acute we would recommend small quantities of strychnine mixed with cheese or meat. This is the most speedy remedy we have ever tried.

To the increasing number of REVIEW readers in Boston and vicinity, we wish a very happy and prosperous New Year. We would be glad at all times to receive from any of them little items of trade or general horticultural interest. W. N. CRAIG.

MILWAUKEE.

The florists' shops in the down-town districts show the effects of a large holiday trade. The beautiful displays made before Christmas were sadly disarranged and almost completely cleaned up by eager purchasers. The demand for plants has increased considerably and some dealers state it is less difficult to realize a good profit on a well-grown plant than on cut flowers and in many respects it is more satisfactory to the purchaser and recipient. More elaborate displays were made this year than formerly and most of the stores were filled up with a fine selection of the blooming plants seasonable at this holiday. Azaleas, poinsettias and cyclamen predominated, although there was a generous amount of primroses, Jerusalem cherries, Christmas peppers and lily plants.

The cut flower market remained firm, especially in colored stock. The demand for carnations was exceptionally brisk and good Enchantress, Crane, Estelle and Lawson readily brought $8 per hundred and other varieties brought equally good prices according to quality. In roses, Chatenay, Liberty and American Beauty were short of the demand, with enough of Maid, Bride, Perle and Gate to go around. A fine cut of violets of excellent quality was on the market and sold well. There was plenty of stevia, bulbous stock and various greens to meet all demands. Shipping trade was fully up to former years, although high prices have most effect on the smaller dealers, who have a sort of schedule prices the year around.

A noticeable feature was the large displays and consequent large demand for bells, chimes and immortelle wreaths. Mistletoe was plentiful and quality fine. Holly was in good demand and there was a shortage the last few days and prices went upward. C. C. Pollworth Co. had a branch store for the handling of holly and greens for the holidays.

Prices held up well until after New Year's although the warmer weather helped somewhat to increase the supply of stock. INCOG.

ALBUQUERQUE, N. M.—Mrs. B. H. Ives is recovering from a serious illness with typhoid fever.

WHEN YOU WANT "GREEN GOODS"

Don't Forget Us

We are to be relied on to furnish finest strings of Asparagus and Smilax on shortest notice at any time. Just give us your orders and time to cut the stock. It will be there promptly.

All Cut Flowers in season in large supply and best shipping quality.

FANCY VALLEY ALWAYS ON HAND; WIRE.

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

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AMERICAN BEAUTY,	Per doz.
30-36-inch stem	$5.00 to $6.00
24-inch stem	4.00
20-inch stem	3.00
15-inch stem	2.00
12-inch stem	1.50
Short stem	.75 to 1.00
	Per 100
Brides	$4.00 to $12.00
Bridesmaids	4.00 to 12.00
Meteor	4.00 to 12.00
Golden Gate	4.00 to 12.00
Chatenay	6.00 to 15.00
Carnations	2.00 to 3.00
" large and fancy	4.00 to 6.00
Violets	1.00 to 1.50
Valley	2.00 to 4.00
Callas	per doz., $1.50
Paper Whites, Romans	3.00
Stevia	1.50 to 2.00
Tulips	3.00 to 4.00
Jonquils	4.00
Sweet Peas	1.50
Asparagus, per string, 35 to 50c.	
Asparagus Sprengeri	3.00 to 6.00
Ferns	per 1000, $2.00 .25
Galax	per 1000, $1.25 .15
Leucothoe	.75
Adiantum	1.00
Smilax	per doz., $1.50 10.00
Wild Smilax, 25 lb. cases	3.00
" " 35 lb. cases	4.00
" " 50 lb. cases	5.00

Subject to change without notice.

Mention The Review when you write.

CHICAGO.

The Market.

Business continued fairly strong between Christmas and New Year's, shipping trade being particularly active, but by Friday receipts had so increased that prices began to weaken. As a matter of fact long Beauties had been steadily retreating ever since Christmas and their capitulation was no surprise. Medium lengths do considerably better, comparatively, than the long stock. Quality is good. Other roses have held up better than Beauties but Chatenay is weak. Brides are doing better than Maids because of the call for funeral work and for the same reason Liberty is less aggressive.

Carnations went out of the old year with prices on the toboggan. The break of Friday was accentuated Saturday and this week the wholesale houses are overstocked, with the buyer making the prices on the lower grades. The good shipping demand still makes a fair market for the select stock.

Receipts of New York violets are not large but prices are low, from 50 cents to $1.50 according to the original character of the goods and the length of time they are finding a buyer. Singles sell at a fair price but Campbell is pretty poor property. Valley is plentiful and the last few days there have been many calla and Harrisii lilies about. There are buckets full of Paper Whites and Romans, a few tulips and daffodils, also some sweet peas, considerable mignonette and a great deal of stevia. Jurgens still has poinsettias. "Green goods" are equal to all requirements.

Hardy Ferns.

The hardy cut fern question has afforded the wholesalers considerable trouble the past few years as it seems that the supply in Massachusetts is inadequate to give the country all the ferns needed at a reasonable price and of fair quality. It has become so that the jobbers there apparently feel that they are doing the big buyers a favor by filling their orders. This has resulted in the use of more or less Michigan ferns and the development of a regular source of supply there. This week parties have been in town offering contracts for million lots of 1905 crop for delivery as wanted up to May 1, 1906. Attractive prices are quoted and the wholesalers are all interested, as a satisfactory supply and near at hand would be greatly appreciated.

A Conundrum.

There is a story told, but not authenticated, for it would appear superfluous, of a dining-table center-piece made by a local florist who shall be nameless save that he was christened by fond parents for the biblical gentleman of the coat of many colors. It was a basket filled with moss, the flowers wired on picks. No corsage bouquets were provided and, on leaving the table, where the center-piece was much admired, one of the guests asked if she might have a flower, and took a rose. It came away none too easily, bringing with it a tuft of moss and skewered on the pick a card, and on the card a name and these words of great significance: "With deepest sympathy." Now, the question is, where did the florist get that moss?

Various Notes.

The Flower Growers' Co. held its annual meeting Tuesday afternoon, re-electing directors as follows: Emil Buettner, F. R. Hills, John Sinner, A. Henderson, W. L. Tonner. The directors elected officers as follows: President, Emil Buettner; vice-president, W. L. Tonner; treasurer, F. R. Hills; recording secretary, A. Henderson; financial secretary and manager, Percy Jones. The officers were congratulated on the showing made the past year. Deustel Bros., of Galewood, are new stand holders.

When one enters the J. A. Budlong greenhouses, the first thing that strikes him, aside from the good condition in which the stock is always found, is the fact that the purlin supports are all set at an angle to the benches, so that they form almost a right angle with the glass. This is a departure from the practice in other big places north of town.

E. G. Hill came up from Richmond Wednesday with a magnificent bunch of his new red rose, which he installed at Benthey's and sent out an invitation to growers to come and see it. Many had already bought and others did so when they saw this vase. Richmond will be largely grown in this vicinity next year and Mr. Hill says it looks as if he would have no trouble at all in selling all the stock he can root.

The A. L. Randall Co. reports that its December business exceeded by $400 the largest previous month in its career. Heretofore Easter has been each year's largest month.

Harry Rowe has received word that two orders of a dozen each of long Beauties shipped to San Francisco as Christmas gifts arrived in good shape.

L. Coatsworth made a trip to New Castle last week and thence to Richmond in search of coal, five of his cars having failed to arrive. While at Richmond he inspected Hill's new rose, of which he expects to plant a house.

Nic Miller, well known as a grower north of town, rented his greenhouses last fall and is now with John Evans, of the Quaker City Machine Co., at Richmond, Ind.

E. E. Pieser has been ill for several days with tonsilitis.

Flint Kennicott was in a wreck on the Illinois Central suburban line Tuesday morning and got a first-class shaking up.

F. Thom, 1259 Milwaukee avenue, died December 31 after a somewhat prolonged illness. He leaves a widow and children.

E. C. Amling is very proud of one of his Christmas gifts, a gold locket with a diamond, given him by his employees.

Fred Sperry, of Vaughan & Sperry, has been laid up with the grippe for the past few days.

J. A. Mendel, who has two stores on the west side, one at 422 West Eighteenth street and one at 1534 West Twenty-second, reports business good in the localities he serves.

C. L. Washburn says that they are having trouble because the express messengers insist on putting the boxes of cut flowers next the steam pipes on long

WHITE LAWSON

Which we introduced last season has given great satisfaction, and has proved to be

THE FINEST WHITE CARNATION EVER SENT OUT

Remember that we are headquarters for it. The demand will undoubtedly exceed the supply this season, and in order to secure early delivery, no time should be lost in placing order. We are now booking orders for early January delivery. Orders will be filled strictly in rotation, as received, so the earlier orders are booked, the earlier deliveries can be made. We can supply

First-class strong rooted cuttings, $7.00 per 100; $60.00 per 1000.

Also all the other novelties of the season, **FIANCEE, CARDINAL, FRED BURKI, etc.**

Also the cream of the older sorts, **Mrs. M. A. Patten, Daheim, Enchantress, Flamingo, Mrs. Thos. W. Lawson, etc.**

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

runs. He says any shipper can pack his stock so it won't freeze but he can't insure its not being cooked.

Peter Reinberg is getting a big cut of Uncle John with very fine color.

John Cook, who has recently been employed by Grand Rapids growers, has been sent over by the association to assist in the selling at the market, where they are now getting in considerable stock.

F. C. Struvy expects to leave soon to spend the balance of the winter in California.

John Euithle, a greenhouse hand employed at Sixty-eighth street near the Rock Island tracks, was struck by a train there December 29 and very seriously injured.

C. S. Stewart reports that he is doing a very nice trade at his stand on Ogden avenue.

The Record-Herald for December 25 gave the front page of one section to an illustrated write-up of "Chicago the Flower Market of America." While it was not all true and not all well-advised, as, for instance, the part about high prices, it was well written and readable and a great advertisement for the trade.

R. R. McGill, of W. W. Barnard & Co., spent the Christmas holidays at his old home at Ainsworth, Ia.

TORONTO.

The Market.

Since our last notes much has transpired in and around Toronto, as two very busy weeks have passed. As city florists look back to them they consider it the best Christmas Toronto has ever seen. Of course it would be impossible for the splendid business that was done to pass off without some little regrets. These came in the shape of a number of frozen boxes of flowers, plants, etc., that were delivered Saturday afternoon, as it turned bitterly cold, with a keen northwest wind. The worst case we had reported was where the driver, as well as a load of plants, was frozen. The driver was taken to the hospital where he has been ever since.

Since Christmas business has been quiet and with our municipal and other elections, some prophesy that trade will not be up to the mark during the month of January; however, these people we usually find looking for trouble.

Notable features of the Christmas business were the extra demand for plants, both foliage and blooming, and the amount of bells, hampers and other accessories that were used, and the splendid prices realized by the retail dealers for good stock. As an explanation of these features it might be noted that Toronto has always been notably a cut flower city and plants never sold on a par with cut flowers, especially at holiday time. The retailers especially comment upon their big sales of plants and the exceptionally good price they received for them. Bells sold fairly well last year and it was thought this year that demand would not be so great but the sales this year far surpassed other years. Good roses, with the exception of American Beauties, were on the scarce side, violets plentiful, Paper Whites and Romans an over-stock; greens of all kinds in full supply.

Prices went down on January 2 and will range about the same as other years. We expect in a couple of weeks to be settled down to steady business. D. J.

HERE IS A MONEY-MAKER

New Late Pink Chrysanthemum, Freeda Senner. This Chrysanthemum we have grown three years. It is a very profitable variety on account of it being so very late; begins blooming December 20, continuing to middle of January; color, salmon pink; large and full; strong grower, three to four feet, foliage dark green leaves, well up to bloom, and a good keeper. On account of its lateness, it is bound to be exceedingly valuable.

We will book orders for March delivery, strong rooted cuttings, 10c; $9.00 per 100.
Write for estimates on larger lots.

ELLSWORTH, FLORIST, Grand Island, Neb.

Mention The Review when you write.

KANSAS CITY.

The Market.

In spite of a severe storm of snow and wind that visited this city last week, a splendid New Year's business was done Owing to the cold, cloudy weather and severe cutting, roses were not up to the usual standard, but carnations are looking well and the demand equals the supply. Prices are still the same as a week ago and the indications are that there will be little weakening for some time to come. There is a plentiful supply of Paper Whites, lily of the valley and Romans, but the demand is light, except for funeral work. Everyone with whom I have talked seems well satisfied with the amount of business done the past two weeks and confident of fair business to come.

Various Notes.

A number of large receptions were reported the past week, notable among which was the consecration of Bishop Lillis at the cathedral and the reception following at the Coates Hotel. Ed. Ellsworth, with G. M. Kellogg, had both decorations and furnished a beautiful display, using about 400 American Beauties in the work.

Another was that for the Progress Club's New Year's reception and ball. Palms, smilax and roses were used and the electrical display was unusually fine and reflects credit upon the decorator, Jas. Biggam.

The Alpha Floral Co. had charge of a very nice decoration on Central street, which, although small, was very fine. The Alpha Floral Co. reports an exceedingly good business the past week.

J. H. Vesey, out on Denver avenue, reports good business the past week. He has some fine stuff coming on.

Miss H. B. Jewell reports fine business during the week and is contemplating building several houses for growing a general collection of cut flowers and bedding plants.

Mrs. C. J. Duss reports business in her line as satisfactory and is booking advance orders. Mrs. Duss is enlarging

MIGNONETTE, very fancy - - $10 per 100
" fancy stock, $6 to $8 per 100
Fancy White Lilac, - - - $2 per doz.
ROSES, BEAUTIES, CARNATIONS, PAPER WHITES, ROMANS, VALLEY, TULIPS. A FULL LINE OF CUT FLOWERS OF ALL KINDS.

A. L. RANDALL CO.
WHOLESALE FLORISTS
21 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

CARNATIONS
SELECTED YOUNG STOCK.
Flamingo, Enchantress, Queen, Queen Louise, Wolcott, Lawson, Floriana, Lord and
FIANCEE
Kaiserin Roses and Chrysanthemum Novelties
Write for prices.
Fine large Duckham 'Mum Stock plants at $1.25 per doz.
ROBERT C. PYE, NYACK, N. Y.
Wholesale Carnation Grower.

CARNATION CUTTINGS
Well Rooted from Selected Stock.

	Per 100	Per 1000
NELSON FISHER	$7.00	$60.00
MRS. M. A. PATTEN	6.00	50.00
FLAMINGO	6.00	50.00
CRUSADER	6.00	50.00
D. WHITNEY	5.00	40.00
ENCHANTRESS	4.00	30.00
H. FENN	3.00	25.00
MANLEY	3.00	25.00
FAIR MAID	2.50	20.00
QUEEN	3.00	25.00

BACKER & CO., Billerica, Mass.

her place and putting in new fixtures.

W. L. Rock is handling some fine jonquils grown by W. J. Barnes. He has a fine stock on exhibition and reports business as flourishing.

Miss J. E. Murray reports good New Year's business and has some fine orders already booked for next week.

James Biggam, decorator for the W. H. Humfeld Floral Co., has some large receptions booked for the coming week.

NARCISSUS.

WASHINGTON.

Christmas being over and after a few days' breathing spell the different firms express themselves as follows:

Gude's had all they could do and cleaned up everything.

Blackistone did better than last year, with a big demand for plants.

Geo. Cook says "It was bully; more than I was counting on."

Pfister says "It was fine but think it would have been better if we had had the right kind of weather."

Mr. Robertson was all smiles and said he sold everything except his fixtures. He did not mind the rain and sleet, for it kept those "pricers" away. Anyone coming out that day meant business.

Capt. Ernest expects to have the bowlers at work the coming week. He thinks they are hardened up now and will make a showing.

RAMBLER.

Dreer's Superb Double Petunias



For nearly half a century we have been making a specialty of **DOUBLE PETUNIAS** and our strain is accepted as second to none, either here or in Europe. We annually plant many thousand seedlings from which only the finest double fringed forms are selected for propagating purposes, thus improving the strain every season, and this year's collection is the brightest and most pleasing one we have yet sent out. We offer 15 distinct varieties.

2¼-inch pots, 60c per doz.; $4.00 per 100; the set of 15 for 75c.
3-inch pots, 75c per doz.; $6.00 per 100; the set of 15 for $1.00.

SEED OF OUR SUPERB STRAIN OF FRINGED PETUNIAS. Double, 75c per 500 seeds; $1.50 per 1000 seeds. **Single,** 50c per trade packet.

Henry A. Dreer, Philadelphia, Pa.

Mention The Review when you write.

Carnation Rooted Cuttings

	Per 100	Per 1000
Lady Bountiful	$6.00	$50.00
The Belle	6.00	50.00
Flamingo	6.00	50.00
Nelson Fisher	6.00	50.00
Mrs. Patten	6.00	50.00
Enchantress	3.50	30.00
Prosperity	3.00	25.00
Manley	3.00	25.00
Boston Market	3.00	25.00
Nelson	3.00	25.00
Harry Fenn	2.50	20.00
Gov. Wolcott	2.50	20.00
Adonis	2.50	20.00
Lawson	2.00	17.50
Fairmaid	2.00	17.50
White Cloud	1.50	12.50
Morning Glory	1.50	12.50
Joost	1.25	8.00

FERNS: Boston Ferns, 2½-inch, $5.00 per 100; 3-inch, at $8.00; 4-inch, at $15.00; 5-inch, at $25.00; 6-inch, at $40.00; 7-inch, at $90.00.

CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Always mention the Florists' Review when writing advertisers.



Verbena King

Verbenas—Rooted cuttings, 60c per 100 $5.00 per 1000.

Salvias—Bonfire and St. Louis, the two best of them all, $1.00 per 100, $8.00 per 1000.

Alternantheras—70,000 red and yellow, Sept. struck, equal to 2 inch; these are fine; 60c per 100, $5.00 per 1000.

Heliotropes—Ten best named varieties, $1 per 100, $8.00 per 1000.

Coleus—Thirty named leading varieties, 70c per 100 $6.00 per 1000.

Ageratums—Stella Gurney, Princess Pauline, Lady Isabel, 60c per 100, $5.00 per 1000.

Cuphea—(Cigar Plant), $1.25 per 100, $10.00 per 1000.

Sweet Alyssum—Our big double giant, 10c per 100, $8.00 per 1000.

We prepay express charges on all rooted cuttings, and guarantee satisfaction and safe arrival. Write for prices on large lots, also send for list of other rooted cuttings.

C. HUMFELD, Clay Center, Kan.
The Rooted Cutting Specialist.

Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

SOME dissatisfaction is expressed at the poor deliveries that are being made on beans.

CUCUMBER seed and sweet corn are listed in this year's catalogues at the old-time prices.

THE wholesale lists will contain higher prices on many things in seeds than do the retail books.

BURPEE'S twenty-ninth general seed catalogue was put into the mails on the last day of the old year.

IT is reported that the California growers have concluded to quit operating in the "up the river" region.

THE catalogues that cater to the "price buyer" surely get down to rock bottom on many of the standard sorts.

ALL varieties of seed beans are higher in price than they have been for many seasons at this time of the year.

IT seems rather odd that a wholesale inquiry for quotations on ten bushel lots of beans are priced higher than a gardener's inquiry for one bushel.

WHETHER there is enough egg plant seed for market garden trade is still a question. Grades below the gardeners' standard are not plentiful, either.

J. W. RATEKIN, of Shenandoah, Ia., reports a very good quality of seen corn in drying houses there. His own firm is one of the largest handlers in the country.

CONTRACT deliveries of peas that most of the growers are making seem to be satisfactory. Some sorts are quite scarce, but not sufficiently so to cause any disturbance.

THERE will be a meeting on January 10, at Cincinnati, of the executive committee of the American Seed Trade Association. Routine matters will afford the principal business.

THE winter so far has been favorable for the onion sets that are in storage. February shipments are about the first to come out. The true condition of the sets will then be known.

SOME of the most important of the foreign seeds are behindhand again this year. Replies to inquiries as to the cause of delay put the blame on the weather at harvest time and the unfavorable conditions since.

VISITED CHICAGO:—W. J. Fosgate, Santa Clara, Cal.; Chas P. Braslan, San Jose, Cal.; J. S. Michael, representing Sioux City Nursery and Seed Co., Sioux City, Ia.; E. F. Ball, of E. J. Bowen Co., San Francisco, Cal.

THE Leonard Seed Co., Chicago, has issued a thirty-two-page catalogue for the use of the country merchant who handles seeds. It meets a long-felt want, being nicely illustrated, with the descriptive matter concise and comprehensive.

RATEKIN'S Seed House
WHOLESALE SEED GROWERS
SEED CORN, OATS, SPELTZ, BARLEY
SHENANDOAH, IOWA.
Mention The Review when you write.

LEONARD SEED CO.
WHOLESALE SEED GROWERS
ONION SETS
79 and 81 East Kinzie Street, CHICAGO

Burpee's Seeds Grow
Mention The Review when you write.



DIAMOND JOE SEEDS
We are the Largest Wholesale and Retail Seed Corn growers in the world. Ship in ear or shelled. We also do a general mail order seed trade in all the best varieties of Farm, Garden and Flower Seeds worth planting. In addition we handle the best grade of nursery stock to suit critical buyers. Our large illustrated seed and nursery catalog and farm guide free if you mention this paper. A postal card will bring it, write to-day. Address,
WESTERN SEED COMPANY Shenandoah, Iowa.
Mention The Review when you write.

HAVING BEEN AWARDED THE GRAND PRIZE
For My Exhibition of **GLADIOLI** At the World's Fair
it is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. Groff's Hybrids and other sorts the best obtainable.
Write for Catalogue. ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.

RUSSIAN LILY OF THE VALLEY
Per 1000.....$ 15 00
Per 2500..... 32 00
Per 10000..... 125 00
THE BEST FOR EARLY OR LATE FORCING.
STUMPP & WALTER CO.
Branch, 404 E. 34th St. 50 BARCLAY ST., NEW YORK.
Mention The Review when you write.

H. A. BUNYARD, the veteran traveling salesman, has taken a road position with Arthur T. Boddington, New York.

J. M. THORBURN & Co. state that they have been officially notified that they have been awarded a grand prize for their exhibit of seeds and a grand prize for the display of vegetables grown from their seeds and shown at the St. Louis World's Fair.

THERE is not so much trouble in getting foreign imports of seeds through the custom house this season. The invoice prices seem to satisfy the appraisers better than they did last year. This is helpful to the importer, as it saves unnecessary delay.

SEED TRADE IN THE SOUTH.

G. B. McVay, president of the Amzi Godden Co., Birmingham, Ala., is quoted as follows:

The past year's business was only an average one, due in a large measure to the excessive dry fall. The market gardeners of the South suffered much from losing their fall crops on this account.

The prospects for another year are much better than last season at the same time. We have a much larger number of orders booked than heretofore to be shipped out in the next ten days; in fact our warehouse is a very busy place, where orders are being executed.

The activity among the Mississippi truckers would indicate a very much increased acreage to vegetable crops the coming season.

The same conditions seem to obtain throughout the South. The prospects for cheap cotton is forcing the southern farmer to diversify in his farm operations. Taking the situation from our point of business it would seem that the year 1905 is to be the banner year for profitable business.

PEWAUKEE, WIS.—Frank Scholl received a nine and one-half pound boy as a Christmas present.

LYONS, KAN.—Mrs. H. B. Smith says the Christmas trade was good considering the high prices asked for cut flowers at wholesale and which are a decided deterrent to increased trade in the small places.

SEDALIA, MO.—Gelven & Son are receiving material for four new carnation houses and for a fireproof boiler house. They report a good holiday trade, but no better than usual. Carnations were in great demand but blooming plants would not sell.

Two Grand New Asters

Benthey's White
Benthey's Pink

The Seed of the Two Varieties is ready for distribution now.

PRICE LIST

TRADE PACKAGE	**$1 00**
¼ OUNCE, White or Pink	**2 50**
½ OUNCE, " "	**4 50**
1 OUNCE, " "	**8 00**

For further information write

The Benthey-Coatsworth Co.
35 Randolph St., Chicago.
Mention The Review when you write.

Thorburn's Bulbs

Now Ready, Fresh Seed of
ASPARAGUS PLUMOSUS NANUS,
75c per 100; $5 00 per 1000.
EXPECTED SOON
Asparagus Plumosus Robustus
$1.25 per 100; $9.00 per 1000.
LILY OF THE VALLEY PIPS
NOROTON BEAUTY POTATO
All who issue catalogues should not fail to include it. Descriptive circular on application.
J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.
Mention The Review when you write.

RALPH M. WARD & CO.
Exporters and Importers
17 Battery Place, NEW YORK
Horseshoe Brand
Bulbs, Plants.
Valley our Specialty Cold Storage Pips Always on Hand.
Mention The Review when you write.



Gladiolus Bulbs
Our bulbs are not better than the best, but better than the rest
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.
Mention The Review when you write.

YOU... WILL FIND ALL THE BEST OFFERS ALL THE TIME in the REVIEW'S CLASSIFIED ADVS.

Johnson & Stokes' NEW CROP Flower Seeds For Early Sowing



Tested Seeds of the Highest Quality

	Trade pkt.	Oz.
Ageratum Blue Perfection, dark blue.	$0.15	$0.50
Alyssum Little Gem or White Carpet.	.10	.25
Asparagus Plumosus Nanus, per 100 seeds, 75c; per 1,000 seeds, $6.00.		
Asparagus Sprengeri, per 100 seeds, 15c; per 1,000 seeds, 75c.		
Candytuft, Empress, pure white	.10	.15
Candytuft, Giant Hyacinth Flowered, white	.10	.20
Clematis Paniculata, per lb., $3.50	.10	.40
Carnation, Marguerite, choice mixed	.20	.75
Centaurea Gymnocarpa, 1000 seeds, 15c		.35
Centaurea Candidissima, " " 45c		1.25
Cobaea Scandens, purple	.10	.25
Cyclamen, English Prize, mixed, (from show varieties unsurpassed), per 100 seeds, 75c; per 1,000 seeds, $6.00.		
Lobelia Crystal Palace Compacta	.25	1.25
Petunia Giants of California	.50	
Petunia, J. & S. Choice Double Fringed, per 500 seeds, 75c; 1,000 seeds, $1.50.		
Petunia, J. & S. Giant Single Fringed	.50	
Petunia, Dwarf Inimitable (nana compacta), fine for pots	.25	1.25
Pyrethrum Aureum	.10	.25
Salvia Splendens Bonfire	.30	2 00
Stock, Separate Colors	.25	1.75

	Per 1000 seeds.	Per oz.
Mammoth Verbena Seed, mixed	$0.20	$1.00
Mammoth Verbena Seed, white, pink, scarlet and purple	.25	1.25

	Trade pkt.	Oz.
Smilax (New Crop), per lb., $2.00	$0.10	$0.20
Stock, Dwarf Large Flowering, 10 weeks, mixed	.25	2.00
Stock, Princess Alice (Cut and Come Again	.10	.20
Thunbergia, finest mixed	.10	.35

POPULAR PANSIES

	Trade pkt. 2000 seeds.	Per oz.
Johnson & Stokes' Kingly Collection of Giant Pansies, mixed. This superb collection cannot be surpassed for size, shape, markings, substance or richness of color of the flowers. ¼ trade packet, 30c.	$0.50	$5 00
Madam Perret. New, unique, reddish brown	.40	3.00
Belgian Striped	.20	.75
Black (Faust)	.20	.75
Bronze	.20	.75
Bugnot's Large Blotched	.50	4.00
Emperor Frederick (new) dark red	.20	.75
Emperor William, ultramarine blue	.20	.75
English Large Flowering, fine mixed	.25	1.00
Fire Dragon, fiery orange and bronze	.20	.75
French, large flowering, finest mixed	.20	.80
Lord Beaconsfield, deep purple violet	.20	.75
Odier, extra large blotched, rich colors	.30	2.00
Prince Bismarck, beautiful golden bronze	.20	.75

	Trade pkt. 2000 seeds.	Per oz.
Quadricolor, or Pheasant's Eye (rainbow)	$0.20	$0.75
Snow Queen, satiny white	.20	.75
Striped and Mottled, large flowered	.20	.75
Improved Giant Trimardeau, mixed	.25	1.00
Improved Giant Trimardeau, separate colors	.25	1.25
Cassier's Giant, five blotched	.40	3.00
Masterpiece, a new large blotched variety with curled petals of compact habit, great substance, and containing many rich colors	.40	3.50
Meteor (new), bright brown	.20	.75
Peacock, ultramarine blue, deep claret and white	.20	.75
Red Victoria (new), very fine	.25	1.00
White, pure	.20	.75
Yellow, pure	.20	.75
Fine, mixed	.15	.60
Fine English, mixed	.20	.75
Imperial German, mixed	.30	2.00

JOHNSON & STOKES, 217-219 Market Street, PHILADELPHIA.
Mention The Review when you write

The Best Seeds Pay Best.

ASPARAGUS PLUMOSUS NANUS, 75 cents per 100 seeds; $6.50 per 1000.
Fresh seed greenhouse-grown; none of last year's seeds mixed in.
Carnation Bands in box. Prices—1000 for 15c; 2000 for 25c; 4500 for 50c; 7000 for 75c; 10,000 for $1.00. Send for our advance seed list now ready.
HENRY F. MICHELL CO., 1018 Market St., PHILADELPHIA.
Mention The Review when you write.

D. RUSCONI

Importer of Bulbs, Plants and Shrubbery.
——Has a full line of——
Lil. Auratum, Rhododendrons,
Lil. Roseum, Azalea Mollis,
Lil. Rubrum, Roses, home grown and imp't'd.
Lil. Album, Spiraea and **Amaryllis Johnsoni,** mammoth bulbs. Write for Prices.
32 W. 6TH STREET, CINCINNATI, OHIO
Mention The Review when you write.

Asparagus Plumosus Nanus Seed

Our own growing, just ripening, 100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $4.00. Address
B. H. Haverland, Pleasant Run, Ohio
Mention The Review when you write.

RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST
Catalogues Mailed Free.
W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

NOW is the time to plant **Tuberous Begonias** for Easter Blooming.
We will mail for $1.00, 15 single mixed and 12 double mixed, or 15 single separate colors and 10 double separate colors. All in extra fine quality bulbs.
HUBERT & CO.,
N. Le PAGE. MT. VERNON, N. Y.
Mention The Review when you write.

BRUNS' Extra Fine BERLIN PIPS
for early forcing give satisfaction. This stock is unsurpassed.
$1.25 per 100; $12.00 per 1000.
$29.00 per case of 2500.
Finest Cut Valley always on hand at Chicago market prices.
H. N. BRUNS, 1409-1411 W. Madison St., CHICAGO.
Mention The Review when you write.

VREDENBURG & CO.

ROCHESTER N. Y.
Lithographing, Printing, Engraving, Binding Exclusively for FLORISTS, SEEDSMEN and NURSERYMEN
Sample Colored Plates free—Send for Catalogue
☞ **UNEQUALLED FACILITIES**

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

JOHNSON BROS., Snowflake, Wis., are gathering and shipping native tree seeds, principally pines.

THOS. MEEHAN & SONS, Dreshertown, Pa., report that the demand for Manetti stocks has been so great that their importation was quickly exhausted.

FOR the presidency of the Kansas State Horticultural Society, Frank Holsinger, of Wyandotte, defeated E. J. Holman, of Leavenworth, by eleven votes. W. H. Barnes was re-elected secretary.

S. W. MARSHALL & Son, the nurserymen of Fresno, say that the apple groves in the foothill and coast region of California fully sustain the reputations of the best eastern varieties. Apple growing is on the increase on the coast.

THE Arkansas State Horticultural Society holds its twenty-fifth annual convention at Rogers January 24 to 26. The state has sprung into a leading position for fruit production. Ernest Walwer, Fayettevlle, Ark., is secretary of the society.

IN the selection of a collection of shrubs it is generally the case that too much attention is given to the blossoming of varieties and consequently many species of indubitable worth are left out. There are many traits of shrubs to look to besides the flowers, but chiefly the harmony of foliage, the autumnal effects and, last, but by no means least, says John W. Duncan, the beautiful effects from the many colors of fruits.

CALIFORNIA PRIVET.

I would like to hear through the REVIEW the best way to raise California privet. Have a nice hedge of it and would like to extend it farther.

J. P. E.

The easiest method of propagation for California privet, and that most generally practiced, is to take cuttings eight to twelve inches long in late fall, say November, of year-old-wood. These should be tied in small bunches and buried in the ground over winter. In spring, plant in rows quite thickly and wide enough apart in the rows to permit of frequent cultivation. If bushy plants are desired, pinch the tops from all strong shoots once or twice during the growing season. After the first season's growth is completed the plants are in danger of being killed by severe frost. It would be better to dig them up and heel in the soil quite deeply, replanting in April and at the same time cutting back the plants quite hard. This will insure nice, bushy specimens.

Cuttings as short as four inches can be used if necessary. Be sure the ground is firmly tramped about them also when the rooted plants are transplanted. The best time to plant California privet is April or the early part of May. Fall planting cannot be recommended.

W. N. CRAIG.

AUG. RHOTERT, 26 Barclay St. NEW YORK.

Just Received, 75 Bales of

Extra Selected RAFFIA FIBRE

Fresh importation of white, long and strong Fibre in twisted hampers.

RAFFIA—G. H. R.—BRAND

Apply for Wholesale Rates. Sold in Bale Lots of 220 lbs. only.

Importer of ENGLISH and FRENCH **MANETTI STOCKS**

Strongly rooted, one-year-old thrifty and smooth cuttings for **Successful Rose Grafting.**

Mention The Review when you write.

HARDY NATIVE PENNSYLVANIA Rhododendrons

Large clumps 2 to 6 feet high, finest stock of Hardy Forest Rhododendrons in the United States, especially suited for planting on fancy lawns and large estates. Large orders especially solicited; can furnish 100 car loads; prices right.

Also 200,000 Extra Fine Apple Trees

Very cheap. A fine lot of

Plum, Pear, Peach, Cherry and Quince

at reasonable prices. Also a full line of small fruits. We solicit your inquiry and order, address

THE RIVERSIDE NURSERIES, Confluence, Pa.

Mention The Review when you write.

"BEAUTIFUL GROUNDS"

An illustrated Manual containing suggestions on Lawn Making, Planting and care of Shrubs and Trees, with names and descriptions of varieties hardy and of merit. Also information regarding Landscape Plans, Topographical Surveys, etc. A book you will often refer to. Send for it to-day. Free on application.

Peterson Nursery, 504 W. Peterson Ave., Chicago, Ill.

Mention The Review when you write.

ROSES FOR SPRING BLOOMING

The proper sorts. Clothilde Soupert, General Jacqueminot, Ulrich Brunner, La France, Magna Charta, Crimson Rambler, etc.; fine field-grown plants that have never been forced, suitable for 5-in. pots, at 7c; larger for 6-in., at 12c. Crimson Rambler, XXX, long tops, 20c. Large flowered Clematis, finest purple, lavender, white and red sorts—2-year, at 18c; 1-year, at 9c. Hydrangea pan. grand., fine bushy plants, 8c. Other shrubs, etc., in cellar, priced on application. Packing free for cash. **W. H. SALTER, Rochester, N. Y.**

Mention The Review when you write.

Crimson Ramblers

2 years, $12.00 per 100.

Our own growing. On their own roots.

Considerable stock of other roses; field-grown, dormant plants; on own roots and budded.

JACKSON & PERKINS CO. Newark, New York.

Mention The Review when you write.

W. & T. SMITH COMPANY

GENEVA, N. Y.

Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety

Send for our Wholesale Price List.

Mention The Review when you write.

EVERGREEN.

An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

Mention The Review when you write.

"My Maryland"

The largest, most productive and most profitable white carnation yet raised. Will be disseminated in 1906. Write us about it. Also for other new and standard carnations.

Chrysanthemum Stock Plants

Dr. Enguehard	$.35 each;	$3 00 per doz.
White Mrs. J. R. Tranter	.35 each;	3.00 per doz.
American Beauty	.35 each;	3.00 per doz.
S. T. Wright	.50 each;	5.00 per doz.
Uncle John	.35 each;	3 00 per doz.
Rockford	.25 each;	3.00 per doz.

Mrs. Probin, 35c each. Mrs. Newell, 35c each.

Pacific, P. Rose, Willow Brook, Ivory, Mrs. J. Jones, 10c each; $6.00 per 100. Orizaba, Halliday, Monrovia, Merry Xmas, Liger, H. Sinclair, 10c each, $7.00 per 100.

H. WEBER & SONS, Oakland, Md.

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I have 500 Primula Obconica, healthy, thrifty stock, which I should like to trade for Cyclamen and Cinerarias.

Also Chinese Primroses, Asparagus, from bench and from 2½-in. pots.

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Special quotations on 1000 lots.

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Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots, at 25c, 50c, 75c, $1.00 each.

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Extra long stem	per doz.,	$6.00	Bride	"	6.00 to 10.00
30-inch stem	"	4.00	Golden Gate	"	6.00 to 10.00
24-inch stem	"	3 00	Chatenay	"	6.00 to 10.00
20-inch stem	"	2.50	Liberty	"	6.00 to 12.00
15-inch stem	"	2 00	Meteor	"	6.00 to 10.00
12-inch stem	"	1.50	Carnations, good	"	3.00 to 4 00
8-inch stem	per 100, $6.00 to	8.00	" fancy	"	5.00

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I have a No. 16 Hitchings corrugated fire box boiler heating a dwelling with 250 feet of radiation and a lean-to greenhouse 9x28 in which there are three lines of 1½-inch pipe. The flow pipes are covered from the boiler to the coils. How much more glass will this boiler carry safely to 60 degrees? W. F. S.

The No. 16 Hitchings boiler is rated to carry 1,000 feet of 4-inch pipe, which is equivalent to 1,100 feet of radiation. If you now have 250 feet of radiation in your house and 120 feet in the greenhouse 9x28, which is about what it requires, your boiler is now carrying 370 feet and its capacity is about 1,100 feet. In other words, you have a working capacity of about 700 feet of radiation not now in use. This will heat a greenhouse with about 3,000 feet of wall and roof space exposed. A house eighteen feet wide and seventy feet long, with side walls four feet high would approximate this exposure.

L. C. C.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

WANTED—To buy for cash, a greenhouse plant in the middle states, from 4 000 to 10 000 feet of glass in good repair and doing good business with dwelling house and land. Address No. **109**, care Florists' Review, Chicago.

WANTED—I want to lease place of about 10 000 feet of glass in good condition for not less than seven (7) years, before 1st of May; must be good shipping point. Frank McGowan, Utica, N.Y.

SITUATION WANTED—As foreman; good experience in all departments; mums, carnations and roses a specialty; good propagator; Scotch; reference. Address No. **108**, care Florists' Review, Chicago.

WANTED—A good all around florist, elderly gentleman and single preferred; must be sober and understand how to grow a general line of plants. Address No. **107**, care Florists' Review, Chicago.

WANTED—At once, a good, willing, up-to-date florist, of good habits, for our new retail store and show rooms; must be a strictly artistic flower worker in every way. This will be a good position for the right person. Address Chas. T. Siebert, 165 Liberty Market, Pittsburg, Pa.

FOR SALE—Florists or market gardeners, do you want the bargain of a lifetime in a good home, in a good city, with a good market, 30 acres of land, good buildings, greenhouse of 7 000 feet of glass; carnations and lettuce. For definite description write W., Box 53, Olney, Ill.

FOR SALE—Very cheap, 2 or 4 medium greenhouses and hot water heating plant, or will rent to desirable party; houses now full; only one in good Michigan county. Address No. **110**, care Florists' Review, Chicago.

FOR SALE—$25.00 takes Fairbanks steam pump and receiver in good condition; also Kroeschell No. 3 boiler. For further particulars, Gloede, Evanston, Ill.

SITUATION WANTED—By a first-class rose and carnation grower; 31 years of age; German; single; 15 years' experience; good references. Address No. **106**, care Florists' Review, Chicago.

WANTED—First-class rose and carnation grower; permanent place; $60 per month to start; reference as to ability and character required. Address No. **87**, care Florists' Review, Chicago.

WANTED—Practical experienced nursery agents in every city; retail; salary or commission; special inducements allowed to those having covered extensive successful territory; references. J. Dobbertin's Son, P. O. Box 388, Rochester, N. Y.

WANTED—A competent young florist to take charge of a small place and fire; will pay $35.00 per month and board. Address W. H. Wright, Vicksburg Miss.

WANTED—An energetic young man who is capable of taking charge of a moderate sized greenhouse plant in a thriving city of 20,000; must understand roses, carnations and bedding stock; salary and commission; good chance to work up. Address No. **102**, care Florists' Review, Chicago.

FOR SALE—A bargain if you mean business; 7,000 feet of glass; established fifteen years; 160 miles south of Chicago; well stocked for the trade. Address No. **104**, care Florists' Review, Chicago.

FOR SALE—Ballard's greenhouse, $750, Perry, Iowa.

FOR SALE—Or rent, a greenhouse plant, on easy terms to the right man, consisting of about 12000 feet of glass, with material on the ground for an addition of 4 000 feet; last years' business $1700; this years' business, about $2000. Address No. **92**, care Florists' Review, Chicago.

FOR SALE—Seven acres of land at Park Ridge, Ill.; fine soil and well adapted for greenhouse purposes. Terms easy. Address A. L. Randall, 19 Randolph St., Chicago.

FOR SALE—Some extra good second-hand 3-in. pipe, guaranteed sound, 6c per foot; also some 4-in.; and small and medium size boilers. W. H. Salter, Rochester, N. Y.

FOR SALE—In a live gas city of 15,000; five greenhouses stocked with roses, carnations and a general assortment of plants; natural gas for fuel, cheapest on earth; seven room house, large grounds, barn, etc. Address A. L. Harmon, Iola, Kan.

FOR SALE—An elegant greenhouse plant, up-to-date and modern in every way; 20 lots, 40 000 feet of glass; fine dwelling, all new; a fine retail and wholesale trade; the demand is first-class; good market; in one of the finest cities in Colorado; water plentiful and the best of soil right at the door; have other business; will sell reasonably. Address No. **93**, care Florists' Review, Chicago.

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WANTED—A practical florist with about $2,000 to buy interest of partner retiring into other business. Retail; city of 60 000, within 30 miles of Philadelphia. An excellent opportunity and a square deal. Address T. R. WILSON,
418 Arcade Bldg., Philadelphia, Pa.

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WANTED—Single, must be a hustler. State wages with board and room in first letter.

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Position as foreman and manager of a first-class establishment; last 3 years foreman for the J. D. Thompson Carnation Co., Joliet, Ill., and the record of above named firm in that period of time should be sufficient testimonial as to ability and character, and can also furnish gilt-edge references from several others of the leading florists in the country; distance no objection, but good wages expected. Would also consider a good business opportunity or partnership with responsible party; ready for engagement February 1, 1905. Address

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About 7,000 square feet of glass, sash for cold-frames, 1¼ acres of ground with six-room house, good barn, spring house and other out buildings, located 4 miles from Pittsburg and 4 miles from Allegheny market; 30 minutes by trolley to either place; will sell glass and rent ground, or will sell the business entire, or will sell to a single man and remain on the place and give him board; the houses are stocked and going right along for spring trade; have a good lot of Dutch bulbs in cold frames, also hardy roses (potted up), pansies, daisies, hardy pinks, myosotis, sweet williams, etc. My reason for wishing to dispose of the property is that I am getting old and want to retire from active business. Address

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WANTED—CONSIGNMENTS OF HIGH GRADE CARNATIONS.
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ST. PAUL.

Christmas trade was good. Everything was in demand, from a sprig of mistletoe to a long-stemmed Beauty. Holly sold unusually well, the supply being exhausted early. Lycopodium wreaths and wreathing sold well but were not in as great demand as in the past. The attitude of some insurance companies in refusing to insure stock where this decorative is used has no doubt caused a decrease in sales. Mistletoe of excellent quality was abundant.

In the plant line dwarf poinsettias in pans easily captured first honors. Well grown red peppers sold well also. Simon Mardner azaleas were in good demand. Palms and ferns met with quick sales but smaller flowering plants did not find buyers readily. Good Lorraine begonias sold fairly well but as the blooms drop quickly after a few hours in the heat they are not very satisfactory Christmas plants. Hampers, wreaths, etc., were liberally supplied with ribbon. Some light colored hampers from Philadelphia were the most unique ever seen in this market.

The supply of cut flowers was about equal to the demand. The home growers all had good crops and realized handsome prices for same. May & Co. had some extra choice Chatenay roses which sold quickly at $5 per dozen. There was a good call for Beauties at $8 to $18 per dozen. Carnations were somewhat short of the demand, with prices well maintained. Flamingo is a most handsome variety for Christmas. Enchantress retailed as high as $3 per dozen.

New Year's trade was good, violets and Beauties being the most popular of any.

Wm. Speth, employed by May & Co. the past year, has moved to New York.

X. Y. Z.

CLEVELAND, O.—John Blechschmid, formerly gardener to L. A. Ault, Elmhurst, Cincinnati, O., is successor to R. Hoffmann.

CHAMPLIN, MINN.—Irving Kimball is completing a greenhouse 16x60 for pansy plants. He has three large houses in carnations and is forcing a quantity of rhubarb.



Cattleyas, per dozen ..... $6 00 to $9.00
Cypripediums, per dozen ..... 1.50 to 2.00
Asst. Orchid Sprays, etc., per box 5.00 to 25.00

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ORCHIDS, FANCY VALLEY, VIOLETS, BEAUTIES, TEA ROSES, CARNATIONS. Wild Smilax, Asparagus, Adiantum, Smilax, Fancy Ferns always in abundance. Also a complete line of all Florists' Supplies, Novelties and Wire Work.
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We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our Specialties are Dagger and Fancy Ferns. A-1 quality, $1.00 per 1000. Laurel Festooning, good and full, hand made, 5c and 6c per yard. Green and Sphagnum Moss, $1.00 per bbl. Sphagnum Moss, 50c a bag, 5 bags, $2.00. Ivy Leaves, $4.00 per 1000. Sprengerl, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.
We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—all sizes, Folding Flower Boxes, Ribbon—all sizes and colors, Coral Letters, Block Letters, Wire Designs, Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.
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White Lawson,	M. A. Patten,
Flamingo,	Nelson Fisher,
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The above at $5 per 100; $40 per 1000.
The following at $3 per 100; $25 per 1000.

Enchantress,	The Queen,
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Rooted Cuttings
PELARGONIUMS, 15 var., $2 25 per 100.
VERBENAS, 30 var., 60c per 100; $5.00 per 1000.
HELIOTROPE, 12 var., $1.00 per 100; $8 per 1000.
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SALVIAS, 6 var., $1.00 per 100; $8.00 per 1000.
GIANT ALYSSUM, $1.00 per 100; $8.00 per 1000.
AGERATUMS, 4 var., 60c per 100; $5.00 per 1000.
COLEUS, 40 var., 70c per 100; $6.00 per 1000.
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Express prepaid on all R. C.
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Extra select	$6.00
30-inch stems	4.00
24-inch stems	3.00
20-inch stems	2.50
15-inch stems	2.00
12-inch stems	1.50
Short stems	$6.00 to $8.00 per 100.
	Per 100
LIBERTY	$4.00 to $15.00
CHATENAY	8.00 to 12.00
" seconds	4.00 to 6.00
MAIDS AND BRIDES	8.00 to 10.00
" " " seconds.	4.00 to 6.00
PERLE	4.00 to 8.00
UNCLE JOHN	8.00 to 12.00
" " seconds	4.00 to 6.00
SUNRISE	4.00 to 10.00
CARNATIONS	3.00 to 4.00

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Wholesale Cut Flower Prices.

Philadelphia, Jan. 2.

	Per doz.
Beauties, Specials	$9.00 to $10.00
" Extra	5.00 to 6.00
" Medium	3.00 to 4.00
" Short	2.00 to 2.50
	Per 100
Bride and Bridesmaid, Fancy	12.00 to 15.00
" " Ordinary	4.00 to 8.00
Liberty, Fancy	35.00 to 50.00
" Select	12.50 to 30.00
" Ordinary	4.00 to 8.00
Golden Gate	4.00 to 12.00
Ideal	4.00 to 8.00
Perle	4.00 to 8.00
Sunrise	4.00 to 10.00
Meteor	4.00 to 10.00
Queen of Edgely, Medium	25.00 to 35.00
" " Shorts	12.50 to 18.00
Carnations, Enchantress	6.00 to 8.00
" Prosperity	6.00 to 8.00
" Select	3.00 to 4.00
" Ordinary	2.00
Orchids, Cattleyas.	50.00 to 75.00
" Dendrobium Formosum	40.00
" Oncidium	5.00 to 10.00
" Cypripedium	15.00
Adiantum Cuneatum	1.00
" Croweanum	1.50
" Farleyense	10.00
Asparagus Plumosus, Strings	50.00
" Sprays, per bunch	.50
" Sprengeri, per bunch	.50 to .75
Bouvardias	3.00 to 4.00
Callas per doz.	1.50 to 2.00
Daisies, White or Yellow	1.00 to 1.50
Lilium Harrisii per doz.	2.00
Mignonette, Fancy	4.00 to 6.00
" Ordinary	1.50 to 2.00
Pansies per bunch	.50
Poinsettias	10.00 to 12.50
Paper Whites	2.00 to 3.00
Romans	1.50 to 3.00
Smilax	12.50 to 15.00
Sweet Peas	.50 to .75
" White	2.00
Stevia	1.00
Gardenias	.75
Valley, Fancy	4.00 to 5.00
" Ordinary	2.00 to 3.00
Violets, Double	1.00 to 1.50
" Single	.50 to .75

WE ARE much pleased with the Florists' Manual, and could not get along without the FLORISTS' REVIEW. Enclosed find another dollar.—WM. RHODES & SON, Leechburg, Pa.

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		Per 100
Beauties,	Specials	$50.00 to $75.00
"	Extra	20.00 to 35.00
"	No. 1	10.00 to 15.00
"	Shorts	3.00 to 5.00
Brides and Maids,	Specials	10.00 to 15.00
" "	Extra	6.00 to 8.00
" "	No. 1	3.00 to 6.00
" "	No. 2	1.00 to 3.00
Golden Gate		3.00 to 15.00
Liberty		3.00 to 25.00
Mme. Chatenay		5.00 to 15.00
Meteor		3.00 to 10.00
Orchids, Cattleyas		50.00 to 75.00
Cypripediums		6.00 to 12.00
Carnations,	Common	1.00 to 2.00
"	Selects	2.00 to 3.00
"	Fancies	3.00 to 4.00
"	Novelties	6.00 to 10.00
Adiantum Cuneatum		.50 to .75
"	Croweanum	1.50
Asparagus Plumosus,	Strings	25.00 to 50.00
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Smilax		10.00 to 12.00
Violets		.50 to 1.00
"	Specials	1.00 to 1.50
Narcissi, Romans		1.00 to 2.00
Callas		8.00 to 12.00
Daisies		.50 to 1.00
Pansies	doz. bunches	.25 to .50

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GROWERS — Important — Special advantages for you this season. Write or see us.
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WHOLESALE FLORIST,
46 West 29th Street, NEW YORK CITY.
Telephone No. 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED
VIOLETS our specialty.
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NEW YORK CUT FLOWER CO.
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JOSEPH A. MILLANG 55-57 W. 26TH ST.
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JAMES A. HAMMOND,
Wholesale Commission Florist,
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Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.
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JOSEPH S. FENRICH
Wholesale Florist,
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Orchids, Roses, Carnations, Violets and Every Variety of Cut Flowers.
"THE RELIABLE HOUSE"
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American Beauties—Orchids—Roses—Carnations—Violets

AND EVERY VARIETY OF CUT FLOWERS

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Importers and Growers of High-Grade JAPAN LONGIFLORUM LILIES,

Woodside, Long Island, N. Y.

Hinode Florist Co., A large range of new greenhouses is being erected at Whitestone for lily forcing. Plants and flowers supplied in any quantity throughout the season. Our stock is of the best type, well grown, and **holds the record** as the finest handled by the florists of New York City last Easter.

Whitestone, N. Y.

Quaint and curious Japanese plants on hand for shipment all the year around. **Telephone Connection.**

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Wholesale and Retail Dealers in all kinds of



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FANCY and DAGGER FERNS.

GALAX—Brown and Green.

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53 W. 28th St., NEW YORK



Tel. No. 1214 Madison Square

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SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine and all kinds of Evergreens.

Green and Bronze Galax Leaves,

75c. per 1000.

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SOUTHERN SMILAX

Choice stock, full weight, 50-lb. case, $6.00; 25-lb. case, $3.25

Galax—Brilliant bronze or green, selected, $1.00 per 1000; $3.75 per 5000.

Leucothoe Sprays—Green or bronze, 90c per 100; $7.50 per 1000.

Sphagnum Moss—Large bale, $1.75; by freight, $2.00. **Green Sheet Moss**—Per bbl. sack, $2.50.

All Kinds of Florists' Supplies.

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MILWAUKEE, WIS.

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WILLIAM H. KUEBLER

Wholesale Commission dealer in Cut Flowers. 19 Boerum Place, Tel. 4591 Main, **Brooklyn, N. Y.**

Mention The Review when you write.

Wholesale Cut Flower Prices.

Boston, Jan. 4.

	Per 100
Beauties, Specials	$40.00 to $75.00
" Extra	25.00 to 35.00
" Short Stems	6.00 to 15.00
Brides, Specials	12.00
" Seconds	4.00 to 6.00
Bridesmaids, Specials	8.00 to 16.00
" Seconds	4.00 to 6.00
Liberty	5.00 to 25.00
Meteor	5.00 to 15.00
Chatenay	8.00 to 16.00
Cattleyas	35.00 to 50.00
Cypripediums	12.50
Carnations, Specials	5.00 to 7.00
" Select	3.00 to 4.00
" Ordinary	2.00 to 2.50
Violets, single	1.00 to 1.50
" double	1.00
Lily of the Valley	3.00 to 4.00
Narcissi, Paper White	1.50 to 2.00
Mignonette	4.00 to 8.00
Bouvardia, bunch	.50
Stevia	1.00
Asparagus Plumosus, Strings	40.00 to 50.00
" Sprays, bunch	.50
" Sprengeri, bunch	.35 to .50
Smilax	8.00 to 12.50
Adiantum	.75 to 1.00
Poinsettias	5.00 to 25.00
Roman Hyacinths	1.00 to 2.00
Callas	12.50
Lilium Harrisii	12.50
Sweet Peas	1.00 to 1.50
Marguerites	1.00 to 1.50
Freesia	3.00 to 4.00
Yellow Daffodils	5.00 to 6.00
" Jonquils	2.00

A. L. Fortunes,

Wholesale and Retail Dealer in



Dagger Ferns AND Galax Leaves



Bronze or Green Galax, 75c per 1000; $6.50 per case.

Dagger Ferns, $1.00 per 1000, full count.

431 State Street, NEW HAVEN, CONN.

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A. J. FELLOURIS,



Wholesale and Retail Dealers in all kinds of

EVERGREENS

GALAX, Bronze or Green

$1.00 per 1000.



FERNS, Fancy, **$1.50** per 1000. Dagger, **1.00** "

468 Sixth Avenue, NEW YORK

Between 28th and 29th Streets.

Telephone 4009 R Madison Square.

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YOUNG & NUGENT

42 West 28th Street, NEW YORK.

Telephones, 2065-2066 Madison Sq.

ORCHIDS, GARDENIAS, VIOLETS ROSES, CARNATIONS

and a large assortment of other Flowers, according to season.

TO BUYERS—Send us your orders. We will ship you Flowers, none better. Not cheap ones, but best in New York. Give us a trial and you will not be disappointed.

Mention The Review when you write.

1871 **James Hart** 1904

(The Original Pioneer House)

Commission Dealer in **CUT FLOWERS**

117 West 30th St., near Sixth Ave.,

Telephone 626 Madison Square. **NEW YORK**

EVERYTHING IN CUT FLOWERS FROM THE BEST GROWERS.

Mention The Review when you write.

H. W. CRAWBUCK. E. W. WILES.

Crawbuck & Wiles

Wholesale Dealers in

Florists' Evergreens, Holly, Galax, Princess Pine, Fancy and Dagger Ferns

Perfect shipping facilities for out of town orders.

370 Pearl Street

BROOKLYN, N. Y.

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THE KERVAN COMPANY

WHOLESALE DEALERS

All Decorating Evergreens, Galax, Leucothoe, Mosses, &c.

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Telephone 1519 Madison Sq.

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For SOUTHERN WILD SMILAX

(Where Quality is First Consideration.)

Write, Wire or Phone the Introducers.

CALDWELL THE WOODSMAN CO., EVERGREEN, ALA.

☞ **NEW CROP** Southern Wild Smilax now ready in limited quantities.

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WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.

VAUGHAN & SPERRY
Wholesale Florists,
58-60 Wabash Ave., CHICAGO.
Write for special prices.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Jan. 4.

		Per doz.
Beauties, Long stems		$6.00
" 30-inch "		4.00
" 24-inch "		3.00
" 20-inch "		2.50
" 15-inch "		2.00
" 12-inch "		1.00
Shorts		.75
		Per 100
Bridesmaids, Specials	$10.00 to	$12.00
" Firsts	4.00 to	8.00
Brides, Specials	10.00 to	12.00
" Firsts	4.00 to	8.00
Liberty, Specials	12.00 to	20.00
" Firsts	4.00 to	10.00
Golden Gate, Firsts	10.00 to	12.00
" Seconds	4.00 to	8.00
Meteor, Firsts	10.00 to	12.00
" Seconds	4.00 to	8.00
Ivory, Firsts	10.00 to	12.00
" Seconds	4.00 to	8.00
Perles, Firsts	8.00 to	10.00
" Seconds	4.00 to	6.00
Chatenay	4.00 to	15.00
Carnations, Select	2.00 to	3.00
" Fancy	4.00 to	6.00
Violets	1.00 to	1.50
Callas		12.50
Paper Whites and Romans		8.00
Stevia, per bunch,	.25 to	.50
Asparagus, Strings	35.00 to	50.00
" Sprays, per bunch,	.25 to	.35
Sprengeri,	.25 to	.35
Ferns, per 1,000, $2.00		.25
Adiantum Cuneatum	.75 to	1.00
Smilax, per doz.		1.50

Poehlmann Bros. Co.
Wholesale Growers of and Dealers in Cut Flowers.
All telegragh and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.

D. WOOD BRANT
SUCCESSOR TO
BRANT & NOE FLORAL COMPANY,
58-60 Wabash Ave., CHICAGO.
Very Choice American Beauties.
Wholesale Grower of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.
Mention The Review when you write.

A. L. RANDALL CO.
Wholesale Florist
19 and 21 RANDOLPH ST., CHICAGO.
Write for special quotations on large orders.
Mention The Review when you write.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.

Beauties, Roses, Carnations, Lilies and Cut Flowers Of All Kinds
Michigan Violets
A SPECIALTY.
Grand Rapids Florists' Ass'n
60 WABASH AVE. CHICAGO.
Mention The Review when you write.

M. WINANDY
Out of-town orders by mail or wire given PROMPT ATTENTION.
51 Wabash Ave., Room 218, Chicago.
Wholesale Grower of Cut Flowers

PERCY JONES
Wholesale Cut Flowers
Flower Growers' Market,
60 Wabash Ave., CHICAGO.
STANDING ORDERS SOLICITED.

SINNER BROS.
Wholesale Growers and Shippers of CUT FLOWERS
58-60 WABASH AVE., CHICAGO, ILL.
With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.

J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

WIETOR BROS.
Wholesale Growers of Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Ave., CHICAGO.
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GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.
Mention The Review when you write.

WEILAND & RISCH
WHOLESALE GROWERS AND SHIPPERS OF
59 WABASH AVE. CUT FLOWERS CHICAGO

Flower Growers' Market
58-60 WABASH AVE., CHICAGO
The Place to Sell Your Stock
SEE PERCY JONES, Manager.

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THE BENTHEY-COATSWORTH CO.
35 RANDOLPH ST. WHOLESALE FLORISTS CHICAGO.

The Philadelphia Wholesale Flower Market.

GARDENIAS, VIOLETS, VALLEY

1235-37 FILBERT STREET, - PHILADELPHIA, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Pittsburg, Jan. 4.

	Per 100
Beauties, Specials	$60.00 to $75.00
" Extra	30.00 to 40.00
" No. 1	15.00 to 25.00
" Shorts	6.00 to 10.00
Brides and Maids	4.00 to 18.00
Cusin	4.00 to 6.00
Kaiserin	4.00 to 15.00
Liberty	4.00 to 20.00
Mme. Chatenay	4.00 to 12.00
Carnations	2.00 to 6.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Lily of the Valley	4.00 to 5.00
Violets	.50 to 2.50
Smilax	12.50 to 15.00
Lilies	20.00 to 25.00
Paper Whites, Romans	3.00 to 4.00
Stevia	1.50 to 2.00
Tulips	5.00
Mignonette	4.00 to 8.00
Daisies	2.00
Lilacs, per bunch	1.50

ROCHESTER, N. Y.—The case against Charles Kruger, accused of issuing bad checks, has been dropped. The florist had settled.

BRAINARD, IA.—Wm. Dodd, who has a florist and nursery business just outside of town, was burned out just before Christmas. He expects to start again.

FORT COLLINS, COLO.—D. C. Armitage has opened a flower store in the Masonic block and is doing a fine business. He still manages the greenhouses of the Longmont Floral Co., at Longmont, giving part of his time to each industry.

HEADQUARTERS FOR
"SUPERIOR QUALITY"
BRAND
Wild Smilax
Always on Hand and in any Quantity
NONE BETTER.
E. F. WINTERSON CO.,
45-47-49 Wabash Avenue,
CHICAGO.

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PITTSBURG
FLORISTS' EXCHANGE
Wholesale Florists and Florists' Supplies.
228 Diamond St., PITTSBURG, PA.
Shipping Given Special Attention.
Mention The Review when you write.

Galax, Ferns, Leucothoe.

GALAX New crop Bronze and Green, small, 75c per 1000; medium, 90c per 1000: extra large, $1.00 per 1000.
LEUCOTHOE SPRAYS 75c per 100; $6.50 per 1000.
HARDY CUT FERNS Specially fine, $2.00 per 1000.
Special price on large quantities.
CUT FLOWER CONSIGNMENTS SOLICITED.
C. E. CRITCHELL,
Wholesale Commission Florist,
36 East 3rd St. CINCINNATI, O.
Mention The Review when you write.

WM. MURPHY
Wholesale Commission Dealer in Cut Flowers
Consignments Solicited.
128 E. Third St., CINCINNATI, OHIO.
Long Distance Phones { M-980. West 1191-R.

LOUIS H. KYRK
Wholesale Commission Florist,
Phones, Main 3062, Main 2486-L.
110 E. 3rd St., CINCINNATI, O.
Receiver and Shipper of Cut Flowers.
CONSIGNMENTS SOLICITED.

The J. M. McCullough's Sons Co.
Seedsmen and Wholesale Florists.
Consignments solicited. Special attention given to shipping orders.
316 Walnut Street, CINCINNATI, OHIO.
Mention The Review when you write.

H.G.Berning
WHOLESALE FLORIST,
1402 Pine Street,
ST. LOUIS, MO.
Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Cincinnati, Jan. 4.

	Per 100
Beauties, Extra	$35.00 to $75.00
" No. 1	15.00 to 25.00
" Shorts	8.00 to 12.50
Brides and Maids, Extra	12.00
" " No. 1	8.00
" " No. 2	4.00
Golden Gate	4.00 to 12.00
Kaiserin	4.00 to 12.00
Liberty	4.00 to 15.00
Meteor	4.00 to 10.00
Perle and Sunrise	3.00 to 8.00
Carnations, Common	1.50
" Selects	2.00 to 3.00
" Fancies	4.00 to 6.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Lilium Longiflorum	12.50 to 18.00
Smilax	10.00 to 15.00
Lily of the Valley	3.00 to 5.00
Violets	.50 to 2.00
Narcissi, Romans	3.00 to 4.00
Callas	8.00 to 12.50

Cleveland, Jan. 4.

	Per Doz.
Beauties, Specials	$6.00
" Extra	4.00
" No. 1	3.00
" Shorts	$1.00 to 2.50
	Per 100
Bride and Bridesmaid	$5.00 to $12.00
Meteors	5.00 to 12.00
Carnations	3.00 to 6.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri "	2.00 to 4.00
Violets	.50 to 1.50
Smilax	12.50 to 15.00
Paper Whites	3.00 to 4.00

PINE BLUFF, ARK.—Two days before Christmas a heavy fall of rain made the streets almost impassable, but on Saturday morning it was clear and warm. The streets were crowded until late at night. Business was good but buying late. Carnations had the lead, with narcissi a close second. Prices were better than ever before, about twenty per cent increase. Some carnations showed evidence of the pickling process. On Christmas night it began to rain and has been steady for sixteen hours and no outlook for it to stop. Trade has been above the average all the season and A. A. Harper says the outlook for business is good.

PETER WEILAND,
Wholesale Grower of
Cut Flowers
Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.
128 East 3rd St., CINCINNATI, OHIO.
All stock sold at the
PREVAILING MARKET PRICE.
Mention The Review when you write.

FRANK M. ELLIS
Wholesale Florist
Finest Stock of Everything in the market.
Extra fine California Violets
Novelties and Supplies of all Kinds.
1316 Pine Street
St. Louis
Long Distance Telephone
MAIN 2018-M.
Mention The Review when you write.

TAUNTON, MASS.

Christmas trade was the best in years. Everything in the way of flowering plants cleaned out and a much better grade sold than in any previous year. Plants in the strongest demand were Begonia Gloire de Lorraine, azaleas and poinsettias. Of all these more could have been disposed of. Primulas and cyclamens also sold quite well. There was a moderate call for palms and other foliage plants, but flowering stuff had the principal call.

In cut flowers carnations were once more the favorites. Popular prices were 75 cents to $1 per dozen. The supply was much below the demand. Only a few good chrysanthemums, such as Merry Christmas, were in evidence. For some reason violets were not called for so much as in previous years. Roses, lily of the valley and Roman hyacinths sold quite well, but carnations far outclassed all others in popularity.

Willard & Williams, of the Taunton Greenhouses, had by far the best Christmas trade in their experience and sold more expensive plants and a higher grade of cut flowers than in preceding years. They were pretty well cleaned out of everything salable.

Oscar Kristenson has a very fine show of Lorraine begonias in one of his greenhouses at present. W. N. C.

ELKHART, IND.—W. H. Troyer, who has been growing lettuce, has decided to abandon this crop and put all of his 15,000 feet of glass into cut flowers for next season.

..VIOLETS..

Write for the lowest price on Violets. We took 1st premium at the World's Fair, Chicago and Joliet Flower Shows. We can give the right price as we are growers.

ELI CROSS, Grand Rapids, Mich.

Established 1881.

C. S. FORD,

1417 COLUMBIA AVE., PHILADELPHIA, PA.
LETTERING and
NOVELTIES IN IMMORTELLES, etc.
Representing A. Herrmann, Siebrecht & Son, L. H. Foster, D. B. Long.
CORRESPONDENCE SOLICITED.
Mention The Review when you write.

REED & KELLER,

122 W. 25th St., NEW YORK, N. Y.
Importers and Manufacturers of
FLORISTS' SUPPLIES.
Galax Leaves and all Decorative Greens
Agents for CALDWELL'S PARLOR BRAND WILD SMILAX.
Mention The Review when you write.

A. HERRMANN,

MANUFACTURER OF FLORAL METAL DESIGNS, IMPORTER AND DEALER IN FLORISTS' SUPPLIES.
Factory, 709 First Ave., bet. 40th and 41st Sts.
Office and Warerooms, 404, 406, 408, 410, 412 East 34th Street, NEW YORK.
WRITE FOR NEW CATALOGUE.
Mention The Review when you write.

SIGMUND GELLER,

FLORISTS' SUPPLIES AND RIBBONS
108 W. 28th St., NEW YORK CITY.
—HEADQUARTERS FOR NOVELTIES—
Mention The Review when you write.

When you need **RIBBONS**

Let us take care of your wants. The Pine Tree Mills Brand Ribbons are woven even and regular, shadings always the same. These are rich toned ribbons at the lowest possible cost.

We sell DIRECT, NO MIDDLE PROFITS on the Pine Tree Mills Brand Ribbons. Why not let us have your next order?

Write us to-day for samples and prices.

The Pine Tree Silk Mills Company
Philadelphia
806-808-810 Arch Street, 52 and 54 N. Eighth Street.
Mention The Review when you write.

Buy now for Stock or growing on for Spring Sales.

250 at 1000 Rate, all from 2¼ or 2½-inch Pots.

Geraniums, including **Nutt, Ricard, B. Poitevine, Mme. Barney,** etc., strong stock, $25.00 per 1000. Our choice of varieties in assorted colors at $20.00 per 1000.

Coleus, 10 best market varieties, $2.50 per 100, $20.00 per 1000.

Ageratum, Stella Gurney and Princess Pauline, $2.50 per 100, $20.00 per 1000.

Heliotrope, dark purple and blue, named varieties, $3.00 per 100, $25.00 per 1000.

Hibiscus, Peachblow, grandest variety out, $3.00 per 100.

Primula Forbesi, $2.50 per 100, $20.00 per 1000.

Flowering Begonias, in variety, $3.00 per 100, $25.00 per 1000.

Dracaena Indivisa, $3.00 per 100, $25.00 per 1000.

Boston Ferns, well established, $30.00 per 1000.

Abutilon Eclipse, $3.00 per 100.

German Ivy, $2.50 per 100.

Manettia Bicolor, $2.50 per 100.

Cuphea Platycentra, $2.50 per 100.

Asparagus Plumosus, $3.00 per 100.

Asparagus Sprengeri, $2.50 per 100.

Kentia Belmoreana, clean stocky plants with several leaves, $5.00 per 100, $45.00 per 1000.

Send For Wholesale List

THE STORRS & HARRISON CO., - Painesville, Ohio.
Mention The Review when you write.

Fancy or Dagger Ferns



$1.00 per 1000. Galax, brilliant bronze or green, 75c per 1000; $6.50 per case 10,000. Laurel festooning, hand made, full sizes, 4c, 5c and 6c per yard, made fresh daily from the woods. Send Us your orders at once and we will please you. Branch Laurel, 35c per large bundle. Southern Wild Smilax, 50 lb. cases, $5.50 per case. Laurel wreaths and Princess pine wreaths made all sizes and prices. Princess pine by the pound and made into roping.

Tell us your wants and we will name you prices.

CROWL FERN CO., - - - MILLINGTON, MASS.
Mention The Review when you write.

We thank our customers for their patronage and hope they will continue it; wishing them and the trade in general the compliments of the season, we are,

Yours respectfully,
J. STERN & CO.,
1928 Germantown Ave., PHILADELPHIA, PA.
Mention The Review when you write.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ORDERS FOR....

CHICAGO

WILL BE FILLED BY

P. J. HAUSWIRTH,

227 Michigan Ave.

Auditorium Annex. Telephone Harrison 585.

LEIKENS, 7 E. 33d St., New York City.

Near Waldorf-Astoria. Phone No. 1417 Madison.

NURSERIES, RUTHERFORD, N.J.

☞Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

Mention The Review when you write.

A. GUDE & BRO.

1224 F Street, Northwest,

Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE, **CLEVELAND, OHIO.**

HAVE YOUR

RETAIL ORDERS

FILLED BY THE

GEO. WITTBOLD CO.

1657-59 Buckingham Place CHICAGO.

Julius Baer,

116 E. Fourth Street.
Long Distance Phone 2478.

Cincinnati, Ohio

PORTLAND, OREGON

CLARKE BROS., 289 Morrison St.

Orders for **MINNESOTA** or the Northwest will be properly executed by

AUG. S. SWANSON

ST. PAUL, MINN.

L. I. NEFF, Florist, 218 6th St. **PITTSBURG, PA.**

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,

2319 AVENUE M. **Galveston, Tex.**

Always mention the Florists' Review when writing advertisers.

FRED C. WEBER, FLORIST,

4326-28 Olive Street, **St. Louis, Mo.**

Established 1873.

Long Distance Phone Lindell 196 M.

MILLS THE FLORIST

36 W. Forsyth Street,

Jacksonville, Florida

Orders for Chicago and Vicinity

WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. **51 Monroe St., CHICAGO.**

HUGH GRAHAM,

PHILADELPHIA,

104 S. Thirteenth St.

All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

Palmer's

BUFFALO, New York.

U. J. VIRGIN,

838 Canal Street, NEW ORLEANS, LA.

PRATT & GIGER,

FLORISTS AND DECORATORS

NEW LONDON, CONN.

J. J. BENEKE,

1216 Olive Street **ST. LOUIS, MO.**

WE SELL

BRONZE AND GREEN GALAX

Small 45c; medium 50c; large 55c per 1000. Terms, cash or satisfactory references. State how to ship; by freight or express.

J. E. HYLTON & CO., Ballard, Va.

Alexander McConnell

546 Fifth Avenue
Cor. 45th St., N. W.

NEW YORK, CITY.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention . . . . . .

Telephone Calls: 340 and 341 38th Street.

Cable Address: ALEXCONNELL.

WESTERN UNION CODE.

David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,

New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

WILLIAM L. ROCK FLOWER CO.

KANSAS CITY, MO..

C. C. Pollworth Co.

WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in

WISCONSIN

The Park Floral Co.

J. A. VALENTINE, Pres. **DENVER, Colo.**

Houghton & Clark

434 Boylston Street,

Boston, Mass.

WASHINGTON, D. C.

Orders Executed Artistically.

Blackistone,

Long Distance Phone 2180. COR. 14th and H STS.

S. B. Stewart,

No. 119 16th Street. **OMAHA, NEB.**

Always Mention the....

Florists' Review

When Writing Advertisers.

PACIFIC COAST.

SAN FRANCISCO.

The Market.

Christmas has come and gone and we still have delightful weather. Business was very quiet until about Thursday of Christmas week when all of a sudden it took a tremendous bound and, as I write, I think it is safe to say we have had the most satisfactory trade that has visited this part of the world for many years. Not that flowers brought fancy prices, for as a matter of fact they did not, but owing to the heavy steady demand on Thursday, Friday and Saturday the stores had no difficulty in selling everything they could get hold of at very fair prices. The supply was almost without limit and the demand was out of all proportion to that we have experienced during the last few years and as a consequence I think everyone is well satisfied. Green stuff of all kinds was handled by the wagon load and the fact that this class of stock was within the reach of everyone seemed to be decidedly in its favor and thousands of dollars worth changed hands on very short notice.

The prices obtained by the growers were fully twenty-five per cent lower than those of the past few years but the increased demand and the large quantities that were cut on account of the mildness of the weather more than made up the difference. There was some shortage of roses and fancy stock was not quite plentiful enough, but with carnations, valley, poinsettias, violets and bulbous stock we had an abundance and everything sold.

Various Notes.

The Holland Nursery Co., of Elmhurst, had a very large cut of valley during Christmas week and disposed of it all at good prices.

D. R. Lenox, of Los Angeles, is loading a car of ornamental stock from the Pacific Nurseries at Millbrae.

James Skinner, of Portland, Ore., disposed of four carloads of Oregon fir Christmas trees to the local dealers.

A. Mann, Jr., the Polk street florist, has made a specialty this season of Los Angeles poinsettias and handled over 25,000 of the cut blooms.

J. R. Gould, of Fruitvale, had an extra fine cut of Enchantress and Roosevelt carnations for Christmas. G.

PORTLAND, ORE.

The Christmas Trade.

Early in the week the public was out in full force merely to shop and there was some speculation as to how the week would terminate, but Thursday, Friday and Saturday there was a regular stampede and by six o'clock Saturday night everybody had sold out clean.

We cannot say that there was any great increase over last year. On some lines of goods the profits were larger and there is general satisfaction. The storemen made lavish display of choice flowers and the latest novelties introduced by the leading supply houses of the east. The window attractions were right up-to-date and the talk of the town. Red bells were again much in evidence and proved as strong a feature and sold even better than they did a year ago. The supply of cut flowers was about equal to the demand, with the exception of carnations, which are the most popular flowers here, and we were obliged to boost the price on the staple articles in order to more equalize the sales on the other stock. Everything cut locally was clean and well done and a credit to the growers, as nowhere in the country are the elements more trying than around Portland. A few hundred finely grown chrysanthemums seen at one of the leading stores created much favorable comment and sold from $5 to $8 per dozen.

The poinsettia is a good seller here, largely due to its color, and it is not to be wondered at when we have a green climate the year around. Something bright was wanted. We are always obliged to import heavy shipments from California and the quality of stock was up to that of former years.

Roses retailed from $2 to $3 per dozen and carnations from $1.50 to $4 per dozen. Violets were handled in immense quantities and went at 75 cents per

Rooted Carnation Cuttings

..NOW READY..

These low prices good only up to December 25.

	Per 100	Per 1000
WHITE:		
Queen Louise	$1.00	$10.00
Flora Hill	1.00	10.00
Alba	1.40	12.50
Gov. Wolcott	1.00	10.00
Norway	1.00	10.00
Lillian Pond	1.40	12.50
Chicot	1.20	10.00
PINK:		
Mrs. Thos. Lawson	1.40	12.50
Enchantress	3 50	30.00
Mrs. Joost	1.00	10.00
Success	1.00	10.00
Mermaid	1.00	10.00
Cressbrook	1.00	10.00
Pres. McKinley	1.40	12.50
Mrs. Theo. Roosevelt	1.40	12 50
SCARLET:		
G. H. Crane	$1.00	$10.00
America	1.00	10.00
SCARLET:		
P. Palmer	$1.00	$10.00
Estelle	1.40	12.50
J. H. Manley	1.50	15.00
Apollo	1.50	15 00
CRIMSON:		
Harlowarden	1.40	12.50
Gov. Roosevelt	1.20	10.00
YELLOW:		
Golden Beauty	1.40	12.50
Eldorado	1.00	10.00
VARIEGATED:		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Stella	1.40	12.50
Armazindy	1.00	10.00
Viola Allen	1.20	11.00
Gaiety	1.20	11.00

Special prices on large lots. Unrooted pips at half price of above. 25 at 100 rate. 250 at 1000 rate. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

Loomis Floral Company, LOOMIS, CAL.

Mention The Review when you write.

200,000 ROOTED

Carnation Cuttings

NOW READY.

	Per 100	Per 1000
WHITE		
Queen Louise	$1.00	$10.00
Flora Hill	1.00	10.00
Gov. Wolcott	1.00	10.00
Alba	2.00	15.00
White Cloud	1.00	10.00
PINK		
Lawson	1.20	12.50
Marquis	1.00	10.00
Enchantress	3.50	30.00
Mrs. Joost	1.00	10.00
McKinley	1.40	12.50
Mermaid	1.00	10.00
Cressbrook	1.00	10.00
SCARLET		
Crane	$1.00	$10.00
America	1.00	10.00
Estelle	1.40	12.50
CRIMSON		
Harlowarden	1.40	12.50
YELLOW		
Eldorado	1.10	12.50
Golden Beauty	1.40	12.50
VARIEGATED		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Armazindy	1 00	10.00
Viola Allen	1.20	11.00

Unrooted Cuttings at one-half price of Rooted Cuttings.

Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

100,000 Pansy Plants at $10.00 a thousand.

Loomis Carnation Co.

Lock Box 115. **Loomis, Cal.**

Mention The Review when you write.

1,000,000 ROOTED CUTTINGS CARNATIONS NOW READY

Cuttings shipped promptly on receipt of order. From now on we pack to stand 30 degrees below zero.

	Per doz.	Per 100
FIANCEE, 1905, pink	$1.80	$12.00
CRISIS, 1905, scarlet	1.80	12.00
ROBERT CRAIG, 1905, scarlet	1.80	12.00
FRED BURKI, 1905, white	1.80	12.00
CARDINAL, 1905, red	1.80	12.00
GIBSON BEAUTY, 1905, scarlet	1.80	12.00
WM. PENN, 1905, pink	1.50	10.00
RED LAWSON, 1905, red	1.50	10.00
RED SPORT, 1905, red	1.50	10.00
RICHMOND GEM, 1905, scarlet	1.50	10.00
LADY BOUNTIFUL, 1904, white	1.00	6.00
THE BELL, 1904, white	$1.00	$6.00
PLAMINGO, 1904, scarlet	1.00	6.00
CRUSADER, 1904, scarlet	1.00	6.00
WHITE LAWSON, 1904 white	1.00	6.00
NELSON FISHER, 1904, variegated	1.00	6.00
INDIANAPOLIS, 1904, pink	1.00	6.00
M. A. PATTEN, 1904, pink	1.00	6.00
RELIANCE, 1904, white	1.00	6.00
THE PRESIDENT, 1904, crimson	1.00	6.00
JUDGE HINSDALE, 1904, white	1.00	6.00
THE BRIDE, 1904, white	1.00	6.00
ENCHANTRESS, shell, pink	.50	3.50

STANDARD LIST

	Per doz.	Per 100	Per 1000
QUEEN LOUISE, white	$.20	$1.00	$10.00
FLORA HILL, white	.20	1.00	10.00
ALBA, big white	.30	1.40	12.50
WOLCOTT, white	.20	1.00	10.00
NORWAY, white	.20	1.00	10.00
PROSPERITY, white	.25	1.40	12.50
LAWSON, pink	.25	1.40	12.50
MARQUIS, pink	.20	1.00	10.00
GENEVIEVE LORD, pink	.20	1.00	10.00
SUCCESS, pink	.20	1.00	10.00
ARGYLE, pink	.20	1.00	10.00
JOOST, pink	$.20	$1.00	$10.00
MERMAID, salmon pink	.20	1.00	10.00
CRESSBROOK, pink	.20	1.00	10.00
G. H. CRANE, best scarlet	.20	1.00	10.00
AMERICA, red	.20	1.00	10.00
MRS. P. PALMER, red	.20	1.00	10.00
HARLOWARDEN, crimson	.25	1.40	12.50
GEN. GOMEZ, crimson	.20	1.00	10.00
ELDORADO, yellow	.20	1.00	10.00
VIOLIANIA, best variegated	1.00	5.50	50.00
MARSHALL FIELD, variegated	.25	1.40	12.50
ARMAZINDY, variegated	.20	1.00	10.00

ASPARAGUS PLUMOSUS NANUS, 3-inch, $3.00 per 100; $25.00 per 1000. **New Red Ghost Plant, Deutzia,** shrub for pots and lawn, 2-in., 50c each or will give 1 for a $5.00 order. The bell is 6 inches long by 5-in. dia., bright scarlet. 6 at 12 rate; 25 at 100 rate; 250 at 1000 rate. **Express prepaid at above prices.** Terms cash or C. O. D. Privilege of examining.

California Carnation Co., Loomis, Cal.

bunch. On bulbous stuff ordinary prices prevailed. There was the usual variety of potted plants. Begonia Lorraine, azaleas, cyclamens and primroses all dressed up in the latest Christmas apparel brought most satisfactory prices and there was none left unsold. It was very noticeable that a well flowered plant created as much admiration as did a vase of fine carnations.

About the same amount of "green goods" was sold as in past years. Mistletoe from southern Oregon arrived in perfect condition, but holly was inferior. Loose sprays sold for $1 per yard and wreaths at $1.50 each. Oregon grape, Berberis aquifolium, which grows so plentifully only a few miles from town, is as extensively used here for decorative purposes as ground pine is in the east. Oregon grape is merely a local name for this most useful and beautiful foliage and the Commercial Club shipped fifty boxes to noted men in the east, including President Roosevelt and his cabinet. H. J. M.

CHRISTMAS GREENS.

It is surprising the tremendous trade that has sprung up during the past few years in the gathering and selling of native greens, ferns and berries. It is only within the past five or six years that the demand has been developed to such an extent that it now becomes necessary to travel farther and farther into the woods to be able to get these articles in sufficient quantity to make their gathering profitable.

The native wild huckleberry stems are the most in demand, being that they are in season throughout the entire year.

New Shasta Daisies

ALASKA, CALIFORNIA, WESTRALIA, } **$ 3.00 per Doz. 15.00 per 100**

Having obtained my stock from Mr. Burbank, it is waranted to be pure and true to name Postal for circular. Shasta daisy "Shasta," strong field plants, $3.00 per 100. Small plants, one-third less. Prepaid. Cash, please.

FRED GROHE, MacDonald Avenue, **Santa Rosa, Cal.**

Mention The Review when you write.

Asparagus Plumosus Nanus Seed.

In quantities to suit, $2.25 per 1000. February delivery. Early orders requested.

REES & COMPERE,

R. D. 1. LONG BEACH, CAL.

They are gathered in the wooded sections of the counties north of San Francisco where there is considerable more moisture than they have in that neighborhood. Owing to the ruthless manner in which this valuable green has been gathered by the Italians, who handle this portion of the trade almost exclusively, it will be only a few years until it will be hard to secure.

The California red berry is next on the list in importance and the berries are gathered from the middle of November until the end of January. They cost the florists on an average of $50 per ton and it is safe to say there were upwards of 500 tons sold in San Francisco during Christmas week. Each succeeding year finds them only plentiful in the more remote localities.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at **$16** per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, **$10** per 100 and from 2½-inch pots 6 to 8 inches high, **$12.50** per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

ROOTED CARNATION CUTTINGS

Big Stock.

ORANGE TREES

Write for Price List.

The Philippi Nurseries, Rocklin, Cal.

Philippi Bros., Props.

Mention The Review when you write.

We have several varieties of native ferns that are of considerable value and now that the rainy season is here they will be very abundant until the end of spring. The woodwardias and adiantums are the most desirable and many thousands of bunches are disposed of daily in the various flower stores. The common fango, or marsh grass, is plentiful on most of our swampy lands and is quite valuable as an article of decoration. It is cut in bundles each containing about 500 stems and costs the retailers about $3 per dozen bunches.

Berried holly is scarce in California.

The best comes from British Columbia and costs the florists $16.50 per barrel of twenty-five pounds. We imported considerable native holly from Chicago and various eastern points. It cost originally $4 per case but the express charges to San Francisco averaged $8 per case, which makes it rather expensive to handle. Oregon grape root is a valuable article at this season of the year. It grows plentifully in Oregon and northern California and colors up brightly with the advent of frosty weather. When cut, it usually takes the plants about three years to grow enough so that they can be gathered again.

Mistletoe was very abundant and of good quality this season. It cost the retailers about 25 cents per pound, packed in barrels, each containing about twenty to twenty-five pounds.

The demand for wild greens of various kinds is yearly becoming greater and retailers, who a few years ago characterized such material as rubbish, now give considerable space on their shelves and in their window displays to the varieties I have described. G.

WASHINGTON, PA.—J. S. Salmons, of the Washington Floral Co., says holiday trade was a fourth greater than in 1903. Carnations were the best selling cut flowers, azaleas and begonias the most popular plants.

SCRANTON, PA.—The florists in Scranton were very busy through the holidays and had a very fine display of plants and cut flowers and red paper bells, which were very effective, especially the firm of G. R. Clark & Co., of Washington avenue. Wm. Clark also had a new fancy cut flower wagon on the street, which goes to show that things are looking up with this enterprising firm.

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.
CARNATIONS OUR SPECIALTY

Mention The Review when you write.

SATISFACTION ..IN.. **ROOTED CUTTINGS.**

	Per 100	Per 1000		Per 100	Per 1000
Enchantress.	$4.00	$30 00	W. Cloud ...	$1.50	$12.50
Lawson	1.50	12.50	Flora Hill...	1.25	10.00
Joost.....	1.25	10.00	Q. Louise ...	1.25	10.00
Marquis.....	1.25	10.00	Estelle	2.50	20 00
B. Market...	3.00	20.00	Prosperity ..	2.00	15.00

Quality is our Hobby.
W. C. HILL FLORAL CO., Streator, Illinois.

Mention The Review when you write.

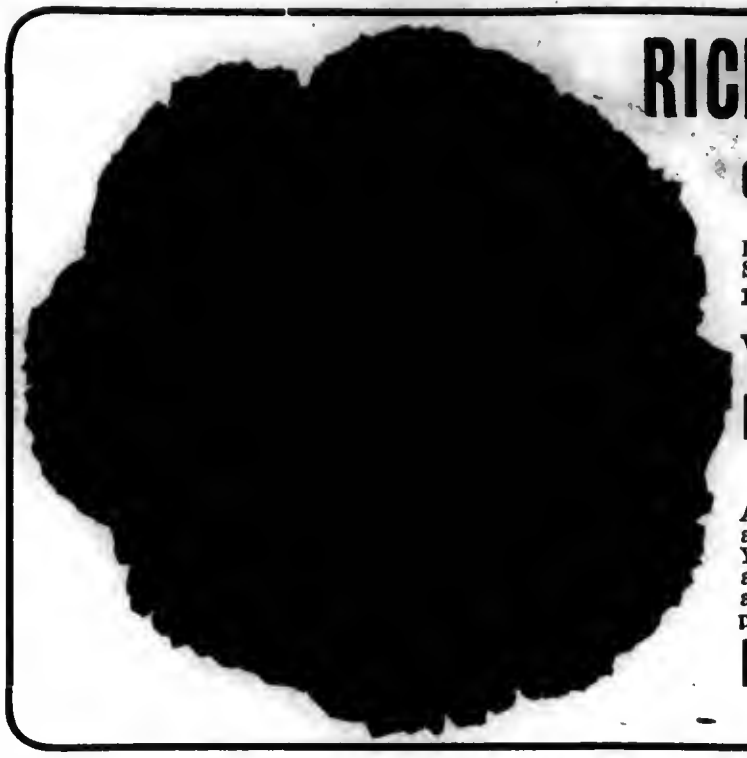
Strong Rooted Carnation Cuttings

	Per 1000		Per 1000
Enchantress.....	$30 00	Adonis	$25.00
Lord.....	10.00	Flamingo	50.00
Angel	10 00	Estelle.....	15 00
Lawson.....	10.00	Bradt.....	10.00
Lady Bountiful....	40.00	Mrs. M. A. Patten.	40 00
Gov. Wolcott.....	10 00	Peru.....	10.00
Flora Hill.....	10.00	Queen Louise.....	8.00
Boston Market....	20.00	Cash or C. O. D.	

SOL. GARLAND, Des Plaines, Ill.

Mention The Review when you write.

Write Geo. A. Kuhl
PEKIN, ILL.
For Price List of Rooted Cuttings and 2x2½-in. Roses in following varieties:
Brides, Maids, Golden Gate, Ivory, Meteors, Souv. de Wootton, Kaiserin Aug. Vic., Perle des Jardins, Belle Siebrecht, LaFrance, President Carnot, Gen. MacArthur, La Detroit, Am. Beauties.
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RICHMOND GEM
THE FINEST COMMERCIAL SCARLET Ever Introduced.
PLACE YOUR ORDERS EARLY.
SEND FOR CIRCULAR.
Per 100, $10; per 1000, $75.

WE MUST HAVE ROOM!
The following stock plants of
Mums For Sale
at a Bargain
Wm. Duckham, Dr. Enguehard, A. J. Balfour, Alice Byron, white and yellow Golden Chadwick, Yellow Eaton, Appleton, Omega and Marion Newell, large clumps and in good health. Write for prices.
B. K. & B. FLORAL CO.
RICHMOND, IND.

Mention The Review when you write.

Palmer's
Red Lawson
NOW READY!

SPORT FROM THE FAMOUS
MRS. THOMAS LAWSON
Planted May 18th, in full crop middle of August
ROOTED CUTTINGS:
$10.00 per 100
$40.00 per 500
$75.00 per 1000

Ask your *Brother Florist* if he saw it at the Detroit Carnation Show. Ten to one he will say it's a good carnation to grow. **Received CERTIFICATE OF MERIT at Detroit Carnation Show—scoring 87 pts.**

W. J. Palmer & Son
Lancaster, N. Y.

Mention The Review when you write.

RED SPORT (Of Maceo.)

This new "Bread and Butter" commercial brilliant "Crane" Red Carnation, now in its fourth year, has the hardy constitution of General Maceo, with a stronger heavier growth, longer and stiffer stem and a larger flower. Growing under the same conditions and in the same house with Flamingo and Estelle it has produced four times as many blooms as the former and twice as many blooms as the latter. The color is as good as Estelle and the bloom brings as much as does Estelle at its best. Every flower is of a uniform brilliant red, perfectly double with an ideal calyx, in fact we never saw a split one.

Red Sport is perfectly healthy, an easy variety to grow, an early and continuous bloomer, throwing its heaviest cuts around the Christmas holidays and during the Winter months when red is in demand. **Red Sport** will keep longer and travel farther than any other red carnation, and will prove a bonanza to the grower who does a shipping business. If the scarcity of reds in the market that now exists continues **Red Sport** will pay better to the square foot of bench than any other variety of any color to date. Every florist who has seen **Red Sport** growing has placed an order for rooted cuttings, which tells the tale. All our stock is sold up to January 25th. Orders filled in strict rotation from that date on. Price, 12 for $1.50, 25 for $2.50, 50 for $4.00 all post paid. $6.00 per 100, $50.00 per 1000, by express. We guarantee all cuttings to be well rooted and to arrive in good condition.

A. B. DAVIS & SON, Carnation Specialists, PURCELLVILLE, VA.

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NEW CARNATION
The best commercial red
Crisis
Thoroughly tried. It is a money maker.
PRICE: $12.00 per 100; $100.00 per 1000.
J. L. DILLON, BLOOMSBURG, PA.

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CARNATIONS

Rooted Cuttings Now Ready.

Eclipse Our 1905 introduction. A pink carnation, lighter in color than Lawson and of a more even and bright shade of pink. No objectionable shading or bleachings. A strong free growth, large flowers on long stiff stems and early and continuous flowering.

Fiancee A most pleasing shade of medium pink. No carnation has ever equalled the number of awards received by this variety.

Cardinal Brilliant Scarlet. A great improvement over Estelle.

F. Burki Pure white. **The above four varieties, $12 per 100; $100 per 1000.**

Richmond Gem Scarlet, $10.00 per 100; $75 00 per 1000.

Lady Bountiful and The Belle The two best commercial white carnations of the present day. Both have received honors over competitors at the fall exhibitions. We have large stocks of these two varieties which are already in great demand. Do not delay in placing your order for early delivery. $6.00 per 100; $50.00 per 1000; $112.50 per 2500.

WHITE LAWSON, $7.00 per 100; $60.00 per 1000.

FLAMINGO, NELSON FISHER and MRS. M. A. PATTEN, $6.00 per 100; $50.00 per 1000.

CRUSADER INDIANAPOLIS, JUDGE HINSDALE and THE PRESIDENT, $5 00 per 100; $40.00 per 1000.

ENCHANTRESS, $3.00 per 100; $25.00 per 1000.

In addition to the above we can supply twenty-five of the best standard sorts, varieties that are profitable to grow. Our preliminary Price List will be sent upon application. We are pioneers in the carnation line and our facilities for rooting and handling cuttings are nearly perfect, due to our long experience.

F. DORNER & SONS CO., LA FAYETTE, IND.

Mention The Review when you write.

ROOTED Carnation Cuttings

	Per 100	Per 1000
WHITE		
Lady Bountiful	$4.00	
Vesper	4.00	$35.00
Queen	2.50	20.00
Queen Louise	2.00	15 00
Gov. Wolcott	2.00	15.00
Boston Market	2.00	15.00
White Lawson	6.00	50.00
PINK		
Enchantress	3.50	30.00
Lawson	2.00	15.00
Fair Maid	2.00	15.00
Indianapolis	4 00	
Ethel Ward	4.00	
CRIMSON		
Harlowarden	2.50	20.00
Octoroon	4.00	
Flamingo	5.00	40.00
VARIEGATED		
Mrs. Patten	6 00	
Prosperity	2.00	15 00
Gaiety	2.00	15.00
Stella	2.00	15.00
Marshall Field	2.00	15.00

GRAFTED ROSES ON STRONG ENGLISH MANETTI STOCK

	Per 100	Per 1000
Bridesmaid, Bride, Golden Gate, Ivory, Chatenay	$12.00	$100.00
Uncle John, La Detroit, Gen. Mac Arthur	18.00	

SAMUEL S. PENNOCK

1612-14-16-18 LUDLOW ST., PHILADELPHIA

Mention The Review when you write.

Carnation Cuttings.

	Per 100	Per 1000
ENCHANTRESS	$3.50	$30.00
FAIR MAID	2 50	20.00
QUEEN	3.00	25.00
QUEEN LOUISE	2.00	15.00
LAWSON	2.50	20.00
CRESSBROOK	2.00	15.00
CHALLENGER	2.00	15.00
MACEO	2.00	15.00
H. FENN	3.00	25.00
PROSPERITY	2.50	20 00
G. M. BRADT	3 00	25.00
FIANCEE	12.00	100.00

C. WARBURTON, Fall River, Mass.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Carnations!

ROOTED CUTTINGS READY NOW.

Clean, Healthy Stock, Well Rooted.

	Per 100	Per 1000
RED		
Crusader	$ 6.00	$ 50.00
Estelle	2.00	17.50
Mrs. Ine	1.50	12 50
Flamingo	5.50	45 00
LIGHT PINK		
Gibson Beauty	12 00	100.00
Enchantress	3 00	25.00
Mrs. Higinbotham	2.00	17.50
PINK		
Mrs. Lawson	1.50	12.50
Mrs. Nelson	2.00	17.50
Guardian Angel	1.25	10.00
Mrs. Joost	1.25	10.00
Genevieve Lord	1.25	10.00
Nelson Fisher	6.50	55.00
WHITE		
Boston Market	2.50	20.00
Peru	1.50	12.50
White Cloud	1.50	12.50
Queen Louise	1.50	12 50
Flora Hill	1.25	10.00
VARIEGATED		
Mrs. M. A. Patten	5.50	45.00

Rooted Rose Cuttings—

American Beauty	3.00	25.00
Liberty	3.00	25.00
Bridesmaid	1.50	12 50
Bride	1.50	12.50
Ivory	1.50	12.50
Golden Gate	1.50	12.50

GEORGE REINBERG

51 Wabash Ave., **CHICAGO**

Mention The Review when you write.

—UNROOTED—

CARNATION CUTTINGS

The following at $3 per 100; $25 per 1000.

White Lawson,	M. A. Patten,
Flamingo,	Nelson Fisher,
Lady Bountiful.	Crusader,

The following at $2 per 100; $15 per 1000.

Enchantress,	The Queen,
Boston Market,	Fairmaid.

Imperial Greenhouses, Utica, N. Y.

CARNATIONS

ROOTED CUTTINGS.

	Per 100	Per 1000
FLAMINGO	$6 00	$50 00
THE BELLE	5 00	45 00
CRUSADER	5 00	45 00
LADY BOUNTIFUL	5 00	45 00
INDIANAPOLIS	5 00	45 00
ENCHANTRESS	3 00	25 00
BOSTON MARKET	2 50	20 00
NELSON	1 50	12 50
ADONIS	2 50	20 00
LAWSON	1 50	12 50
MORNING GLORY	1 50	12 50
JOOST	1 50	12 50
ESTELLE	1 50	12 50
HIGINBOTHAM	1 00	9 00
FLORA HILL	1 00	9 00
QUEEN LOUISE	1 00	9 00
PERU	1 00	9 00
G. ANGEL	1 00	9 00

All cuttings sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

Peter Reinberg

51 WABASH AVE.

CHICAGO.

Telephone 2846 Central.

BOSTON FERNS. Fine plants, 4 inch, $12.00 per 100; 5-inch, $24.00 per 100.

Field-grown **CARNATION** Plants, Joost, Freedom and Goodenough, $4.00 per 100.

VINCA, rooted cuttings $1.00 per 100.

Converse Greenhouses, Webster, Mass.

OMAHA.

Weather conditions prior to Christmas were ideal, plenty of sunshine and warm. Trade prospects were fine, with every hope for a very fine business. Conditions were such that people could get out on the street without inconvenience and this naturally brought buyers that ordinarily would not reach the flower shop.

Stock was not overplentiful, probably because of the unusual demand. Carnations were in their prime, with excellent color. Beauties, while not as plentiful as a year ago, brought better prices. Miscellaneous stock was abundant and brought fair prices. The price of cut flowers inclined to stiffen and held all along the line and averaged higher than for several years. This applies principally to carnations for which there was an unprecedented demand.

Plants were in great demand. Everything in pots went. Some stores did well on palms and ferns and a store in the next square sold few of them, but many of plants in bloom. Begonia Gloire de Lorraine held first place. Those who handled them did well and cleared their stores of them early, necessitating a fresh stock. Azaleas were inclined to be backward in blooming and not nearly as many could be brought in as usual. But this was made up for by selling something else.

The writer has reason to believe that everybody is well satisfied. One storeman says his business is thirty per cent better than a year ago, another twenty-five per cent better, and so all along.

J. H. B.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

W. L. Lewis, Marlboro, Mass., submits for registration a seedling carnation, Mrs. W. L. Lewis, Flora Hill x Mary Wood; color snow white; flower three inches across, well-built, with long and stiff stem; a burst calyx has never yet been seen on it; the bloom is a good keeper. WM. J. STEWART, Sec'y.

LONDON, ENG.—Hugh Low & Co., Bush Hill Park, Middlesex, are putting their new myrtle-leaved smilax into commerce. The American rights were sold some time ago.

XXXSEEDS

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.

Cineraria. Finest large flowering dwarf, 1000 seeds, 50c.

Phlox Pumila Compacta. Very dwarf and compact; grand for pots; in finest colors, mixed. Trade pkt., 25c.

Alyssum Compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots. Trade pkt., 25c.

Chinese Primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.

Pansy, Finest Giants. The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c.

Petunia. New star, from the finest marked flowers, extra choice. Trade pkt., 25c.

Cash. Liberal extra count of seeds in all packets.

SHAMROCK

...IRISH...

Strong and fine plants. Better order early. $4.00 per 100; or 60c. per doz., by mail.

JOHN F. RUPP, Shiremanstown, Pa.

THE HOME OF PRIMROSES.

Mention The Review when you write.

B. & A. SPECIALTIES

H. P. Roses, $12.00 per 100

Ulrich Brunner.	Paeonia.
John Hopper.	Capt. Christy.
Baron Bonstetten.	Magna Charta.
Giant des Battailes.	Marshall P. Wilder.
Mabel Morrison.	Baron Rothschild.

In addition to many other varieties.

Maman Cochet, strong 2-year, white and pink, $12.00 per 100.

Pot-Grown Shrubs for Forcing

The following are all handsome, bushy, well-grown plants, well budded, and will prove a profitable investment to any one.

Plants are all 2½-3½ ft.	Per 12
Acer Negundo variegata	$6.50
Azalea Mollis, 12-15 in.	4.50
" " 15-18 in.	6.50
Cratægus Pauli	9.00
Cherries, double flowering	7.50
Deutzia Gracilis	2.00
" **Lemoinei**	2.50
Lilac, Charles X. blue; Marie Le Graye, white; Lemoine, double white	9.00
Malus Floribunda	9.00
Staphylea Colchica	6.00
Viburnum Opulus	6.00
" **Plicatum**	6.00
Weigelia Eva Rathke	7.50
STANDARDS.	
Lilac, in variety	12.00
Viburnum Opulus	12.00
Wistarias	18.00
Japanese Maples, red and gold leaf variety	12.00

Spiræa Japonica, Compacta and Astilboides, $5.00 per 100.

Dielytra Spectabilis (Bleeding Heart), strong clumps for forcing, $6.00 per 100.

Acacia Armata, or Paradoxa pot-grown and well budded, 18-24 in., per 12, $10.00; 2-3 ft., extra fine, per 12, $12.50.

Tea and Other Roses, $2 per 12, $15 per 100

Meteor.	Clothilde Soupert.
Mme. Abel Chatenay.	Helen Gould.
Mme. Francisca Kruger.	Gruss an Teplitz.
Glorie de Dijon.	Catherine Mermet.
Souv. du Pres. Carnot.	Coquette de Lyon.
Mme. Jules Grolez.	Marechal Niel.
Dr. Grill.	Marie d'Orleans.
Grossherzogg Ernst Ludwig.	Marie Van Houtte.
Mme. Wagram.	Papa Gontier
White Banksia.	Perle de Lyon.
Mrs. R. Garrett.	Perle des Jardins.
Kais. Aug. Victoria.	Princesse de Sagan.
L'Innocence.	Sunset.
Mme. Pierre Cochet.	Reve d'Or.
	Mosella.

AZALEAS

Easter Blooming.

White, red. In addition to the following:

Van der Cruyssen, Vervæneana, Prof. Wolters, Niobe, Bernhard Andreas Alba, Empress of India, Schryveriana, Emperor of Brazil, Chicago, and others.

SINGLE TUBEROUS ROOTED BEGONIAS.

5 colors separate, 1st size ..... $3.00 per 100
5 " " 2d " ..... 2.00 "

Boxwood In all sizes Ask for prices

See Catalogue for PALMS, BAY TREES, EVERGREENS, SHRUBS, ORNAMENTAL TREES, and other Stock.

BOBBINK & ATKINS, Rutherford, N. J.

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50,000 ROOTED CUTTINGS

Geraniums—The "Six Kings" for bedding. S. A. Nutt. (D. crimson), Paul Bruant, (D. scarlet), J. Visud. (D. pink). Beaute Poitevine, (Dbl. salmon), Mrs. E. G. Hill, (Single salmon). Mme. Buchner. (D. white). Large top cuttings, well rooted, $1.50 per 100; $14.00 per 1000.

Petunias—Double Fringed. We are headquarters for these. Six distinct novelties, labeled, $1.25 per 100; $10.00 per 1000.

Salvias—The two best. Drooping Beauty, (dwarf), Bonfire, (tall), 75c per 100; $7.00 per 1000.

Asparagus Plumosus Nanus—Plants from 3-inch pots, $3.00 per 100.

Carnations—Don't buy until you see our list.

The W. T. Buckley Co.

SPRINGFIELD, ILL.

Mention The Review when you write.

Asparagus

	Per 100
Plumosus Nanus, 2¼-in. pots, per 1000, $15.00;	$2.00

Pansy Plants

Large flowering, per 1000, $2.50 ..... .60

—CASH—

Jos. H. Cunningham, Delaware, Ohio.

BOSTON FERNS!

2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.

Piersoni, strong rooted runners, $2.00 per 100.

Scottii, $5.00 per 100.

Plumosus, 2½-in., $3.00 per 100.

DAVIS BROS.,

Morrison, Ill., and Geneva, Ill.

We Are Headquarters

Araucaria Excelsa, cheaper and better than anywhere else. Plants in 5½-in. pots, 4 to 5 tiers, bushy, 15 to 18 inches high, 75c; 6-in. pots, 20, 25 and 30 inches high, 5, 6 and 7 tiers, $1.00, $1.25 to $1.50 each.

Ficus Elastica or Rubber Plants, 6-in. pots, 22, 25 to 30 inches high, all perfect leaves, good from top to bottom, $5.00 to $6.00 per doz. Specimens, 7-in. pots, extra good, 75c each.

Dracæna Bruanti, 6-in. pots, 20 to 25 inches high, 50c each, $5.00 doz.

Kentia Forsteriana, made-up plants, 3 in a pot, 5, 6 to 6½-in. pots, 30 inches high, 75c each; 35 to 40 in. high, very fine, $1.00, $1.25 to $1.50 each.

Latania Borbonica, healthy plants, 5 to 6 leaves, 50c each.

Cocos Weddeliana, 3-inch, 15c each.

Cash with order.

All goods shipped at purchaser's risk.

Godfrey Aschmann, Wholesale Grower and Importer of Pot Plants.

1012 Ontario St., PHILADELPHIA, PA.

Bell Phone Tioga 3669A.

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SCARCE PLANTS

Begonia, Louise Erdody, 3-in.	$7.00 per 100
Crown of Thorns, 2½-in.	7.00 per 100
Farfugium Grande (bushy), 3-in.	10.00 per 100
Grevillea Robusta, 2-in.	3.00 per 100
Geranium, Apple Scented, 2-in.	3.00 per 100
Geranium, Wm. Langguth, 2-in.	5.00 per 100
Hibiscus, Peachblow, 2-in.	3.00 per 100
Lemon, American Wonder, 2-in.	3.00 per 100
Plumosus and Sprengeri, 2-in.	2.50 per 100

IOWA SEED CO., Des Moines, Ia.

RUDBECKIA	Per 100
Extra choice, large clumps	$5.00
ASPARAGUS SPRENGERI, Extra quality, 2½-in. pots	2.00
ASPARAGUS PLUMOSUS, Extra quality, 2¼-in. pots	2.50
ASPARAGUS PLUMOSUS, Extra quality, 3-in. pots	4.00

Above prices cash with order.

JOHN BROD, Niles Center, Illinois

Fred Burki

is the ideal Commercial White Carnation.

Its freedom of bloom coupled with its other meritorious qualities will commend it to the most conservative growers. You will make no mistake by growing **FRED BURKI.**

$12.00 per 100; $100.00 per 1000; 250 at 1000 rate.

JOHN MURCHIE,
SHARON, PA.

S. S. SKIDELSKY,
824 No. 24th St., Philadelphia.

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Chrysanthemum Novelties

We are headquarters for the best new varieties. Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Mileham, Lady Cranston, A. J. Miller, Mrs. D V. West, etc., etc. Complete list now ready. Send for a copy.

CHARLES H. TOTTY, MADISON, N. J.

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BOSTON FERNS, 2½, 3, 4, 5, 6, 7, 8 and 10 inch.
PIERSONI, 2½, 5, 6 and 7 inch.
SCOTTII, 4, 5 and 6 inch.
PLUMOSUS, 2½, 3, 4 and 5 inch.
SPRENGERI, 2½, 3 and 4 inch.

A few nice Rex and Blooming Begonias.
Let us know your wants for Christmas in cut flowers, we shall have **Roses, Carnations, Paper White Narcissus and Roman Hyacinths.** Write

GEO. A. KUHL,
PEKIN, ILL.

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THE BEST

Dwarf Bright Red CANNA is

THE EXPRESS Awarded Gold Medal at St. Louis World's Fair.

OSCODA is a worthy companion, color of Queen Charlotte.

If interested let us quote you attractive prices.

NATHAN SMITH & SON, Adrian, Mich.

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Dahlias Field Roots, Clifford W. Burton yellow	$5.00 per 100
Storm King, pure white	
A. D. Livani, pink	
Maid of Kent, red tipped, white, mixed	$4.00 per 100

The Brighton Seed & Floral Co.
215 Occidental Ave., SEATTLE, WASHINGTON.
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WM. DUCKHAM

Extra fine strong clumps, $1 per doz.

CARNATIONS—Rooted Cuttings.

White Lawson	$6.00	per 100;	$50.00 per 1000
Flamingo	5 00	"	40.00 "
Enchantress	3 50	"	30.00 "
The Queen	2 50	"	20.00 "

The Cardinal, Jan. delivery, $12 00 per 100.

Larchmont Nurseries, Larchmont, N. Y.

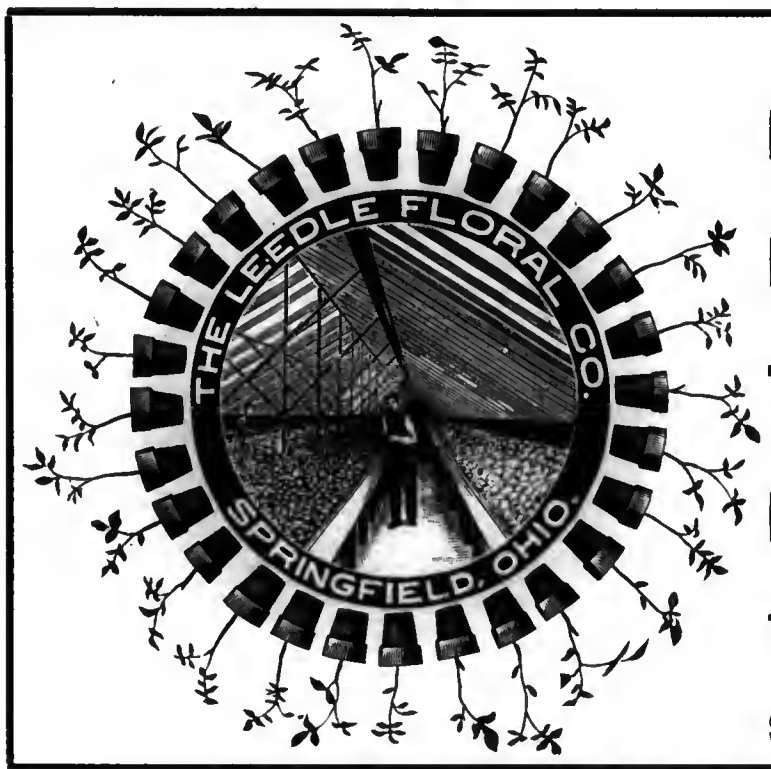
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ORCHIDS

CATTLEYA MENDELLI Just arrived in fine condition, a shipment of this scarce and beautiful Orchid. Also Laelia Anceps, Oncidium Tigrinum, etc. Write for special list No. 14.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

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Write for our List and Prices on

HYBRID Perpetuals, HYBRID TEAS, TEAS, CLIMBERS, RAMBLERS,
Etc.

The Leedle Floral Co.
Rose Growers,
SPRINGFIELD, O.

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250,000 Rooted Cuttings Carnations

NOW READY. All Orders Filled Full and Prompt.

	Per doz.	Per 100	Per 1000
Alba, big white	$ 25	$1.40	$12.50
Queen Louise, white	.20	1 20	10.00
Flora Hill, white	.20	1.20	10.00
Wolcott, white	.20	1 20	10.00
Norway, white	.20	1.20	10.00
Prosperity, fancy	.25	1.40	12.50
Lawson, pink	.25	1.40	12.50
The Marquis, pink	.20	1.20	10.00

	Per doz.	Per 100	Per 1000
Genevieve Lord, pink	$.20	$1.20	$10.00
Mrs. Joost, pink	.20	1.20	10.00
G. H. Crane, scarlet	.20	1.20	10.00
America, scarlet	.20	1.20	10.00
Potter Palmer, scarlet	.20	1.20	10.00
Harlowarden, crimson	.25	1.40	12.50
Gen. Gomez, crimson	.20	1.20	10 00
Eldorado, yellow	.20	1.20	10.00
Armazindy, var	.20	1.20	10.00

6 at dozen rates; 25 at 100 rates; 250 at 1000 rates. Cash. If not satisfactory on arrival, return at once and money will be refunded promptly. We prepay express charges at above prices.

WM. LINFOOT, 317 N. Vermilion, DANVILLE, ILL.

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10,000 Latania Borbonica PALMS

We have a fine stock of this variety, strong plants in 2½ and 3-inch pots, some of which are showing character leaves, ready for immediate shift. While they last, **$5.00 per 100; $45.00 per 1000.**

The DINGEE & CONARD CO.
WEST GROVE, PA.

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NEW PRICE LIST ON

Pyramid KAISER KRONEN Standard

Bay Trees

Orders booked now.

Julius Roehrs, Rutherford, N. J.

MICHEL Plant and Bulb Co.

ST. LOUIS, MO.

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CYCLAMEN GIGANTEUM.

Large flowering plants, in bud, 3-in., $5.00 per 100.

Asparagus Plumosus Nanus, fine plants, 3-in., $3.00 per 100; 4-in., $7.00 per 100.

Carnations, unrooted cuttings. Enchantress, $2.00 per 100; Lawson, $1.00 per 100; Crane, America and F. Hill, 75c per 100.

SAMUEL WHITTON, 15-17 Gray Ave. **UTICA, N.Y.**

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CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Eclipse, 2¼ or 2½-in., $3.00 100.
Storrs & Harrison Co., Painesville, O.

ADIANTUMS.

Adiantum hybridum, 2¼-in. pots, $5.00 100.
A. Ley & Bro., Langdon, D. C.

AGERATUMS.

Ageratums Stella Gurney and Princess Pauline, 2¼ or 2½-in., $2.50 100, $20.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Ageratums Stella Gurney, P. Pauline and Lady Isabella; rooted cuttings, 60c 100; $5.00 1000. Prepaid. C. Humfeld, Clay Center, Kan.

Ageratum rooted cuttings, 4 var., 60c 100; $5.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Ageratums, Stella Gurney and dwarf white, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ALTERNANTHERAS.

Alternantheras, red and yellow, in variety, 2¼-in., $2.00 100, $15.00 1000; rooted cuttings, 60c 100, $5.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow; rooted cuttings, Sept. struck, 60c 100; $5.00 1000. Prepaid. C. Humfeld, Clay Center, Kan.

Brilliantissima, 75c doz.; $4.00 100.
C. Winterich, Defiance, O.

ALYSSUM.

Sweet alyssum, our big double giant; rooted cuttings, $1.00 100; $8.00 1000. Prepaid.
C. Humfeld, Clay Center, Kan.

Giant alyssum rooted cuttings, $1.00 100; $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Alyssum, dwarf and giant double, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Alyssum giant double, strong 2-in., 2c; R. C., mail, ¾c. Cash.
Byer Floral Co., Shippensburg, Pa.

ANTIRRHINUM.

Snapdragon, our giant pink, 2-in. pots, $6.00 100; $50.00 1000.
J. Breitmeyer's Sons, Detroit, Mich.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 5½-in., 4 to 5 tiers, 15 to 18 in. high, bushy, 75c; 6-in., 20, 25 and 30 in. high, 5, 6 and 7 tiers, $1.00, $1.25 to $1.50 each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa, from $1.25 to $2.00 each.
Wm. A. Bock, No. Cambridge, Mass.

ASPARAGUS.

Asparagus Sprengeri, 3-in. pots, $3.00 100, $25.00 1000; 4½-in. pots, $4.00 100, $30.00 1000; 5-in. pots, $5.00 100, $40.00 1000. Wrapped and packed securely against frost. Cash.
F. A. Walker & Co., Box 316, New Albany, Ind.

50,000 Asparagus plumosus nanus, strong plants from bench, $8.00 per 1000; from 2½-in. pots, $16.00 per 1000, cash. Prepaid.
S. B. Ritter, Port Royal, S. C.

Asparagus plumosus, 2¼-in., $2.50; 3-in., $4.00. Sprengeri, 2¼-in., $2.00; 3-in., $3.00. Fine and pot-bound ready to shift.
S. M. Harbison, Danville, Ky.

Asparagus plumosus nanus, fine bushy stock from 2½-in pots, $3.00; from 3-in. pots, $5.00; from 3½-in. pots, $8.00 per 100.
Paul Mader, East Stroudsburg, Pa.

Asparagus Sprengeri, extra quality, 2½-in., $2.00 100. A. plumosus, extra quality, 2¼-in., $2.50 100; 3-in., $4.00.
John Brod, Niles Center, Ill.

A. plumosus nanus, strong, 2-in., 2½c; $22.50 per 1000; 3-in., 5c. Sprengeri, 2-in., 2c. Cash.
Byer Bros., Chambersburg, Pa.

Asparagus plumosus nanus, ready for 4-in., $15.00 1000. J. F. Allen, Orlando, Fla.

Asparagus plumosus nanus, true, extra value, 2½-inch, $3.00 100; $25.00 per 1000; 3-inch, $5.00 100. Cash.
W. A. Wettlin, Hornellsville, N. Y.

Asparagus plumosus nanus, 2½-in. pots, $2.50 100; 3-in., $5.00. Sprengeri, 2½-in., $2.50 100; 3-in., $4.00 100.
National Plant Co., Dayton, Ohio.

Asparagus plumosus, 3-in., $6.00 per 100; Sprengeri, 3-in., $4.00 per 100.
Henry Fischer, 1st Toll Gate, Belair Ave., Baltimore, Md.

Asparagus Sprengeri, strong 2-in., $1.50 per 100; $12.00 per 1000.
Golden State Plant and Floral Co., Santa Monica, Cal.

Asparagus plumosus, 2¼ or 2½-in., $3.00 100; Sprengeri, 2¼ or 2½-in., $2.50 100.
Storrs & Harrison Co., Painesville, O.

Asparagus plumosus nanus, 3-in., $3.00 100; $25.00 1000. Express prepaid.
California Carnation Co., Loomis, Cal.

Asparagus plumosus nanus, 4-in., $20.00 100. Sprengeri, 4-in., $12.00 100.
Anderson & Christensen, Short Hills, N. J.

Asparagus plumosus nanus, fine plants, 3-in., $3.00 100; 4-in., $7.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, 2¼-in. pots, $2.00 100, $15.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri and plumosus, strong 2-in., $2.50 per 100.
Iowa Seed Co., Des Moines, Iowa.

Asparagus from benches and from 2½-in. pots. Write me.
Frank Imbach, Newport News, Va.

Asparagus plumosus nanus, 2½-in. pots, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus Sprengeri, 2½, 3 and 4-in.; plumosus, 2½, 3, 4 and 5-in. Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus nanus, 3-in., $3.00 100.
W. T. Buckley Co., Springfield, Ill.

Asparagus Sprengeri, 3-in., per 100, $3.00.
J. Sylvester, Oconto, Wis.

Asparagus plumosus, 2½-in., $3.00 100.
Davis Bros., Geneva, Ill.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

BAY TREES.

New price list on pyramid, Kaiser Kronen, and standard bay-trees. Orders booked now.
Julius Roehrs, Rutherford, N. J.

BEDDING PLANTS.

BEDDING PLANTS.
50,000 alternantheras, red and yellow, $5.00 per 1000; R. C., mailed, 60c per 100.
Alyssum, double sweet, 2¼-in., express, $2.00 per 100; R. C., mailed, $1.00 per 100.
Boston ferns, very fine, pot grown, 5-in., $25.00 per 100.
Feverfew, Little Gem, $15.00 per 1000; 2¼ in., express, $2.00 per 100; R. C., mailed, $1.00 per 1000.
Fuchsias, six named varieties, 2¼-in., express, $2.00 per 100; R. C., mailed, $1.00 per 100.
15,000 geraniums, Nutt and 20 other varieties, $20.00 per 1000; 2¼-in., express, $2.75.
Petunias, double fringed, white, 2¼-in., express, $2.50 per 100; R. C., mailed, $1.25 per 100.
50,000 pansies, FLORISTS' INTERNATIONAL, strong, transplanted, $10.00 per 1000; extra, in bud and bloom, $15.00 per 1000.
20,000 Vinca variegata, R. C., $7.50 per 1000.
Salvia in 4 named varieties, 2¼-in., express, $2.00 per 100; R. C., mailed, $1.00 per 100.
Ludwig Mosbaek, Onarga, Ill.

BEGONIAS.

Lorraine begonias. Order now for early delivery. Fine thrifty stock from 2-in. April delivery, $15.00 100; May delivery, $12.00 100. Special quotation on 1000 lots.
A. Jablonsky, Wellston, St. Louis, Mo.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonias. For $1.00 we will mail 15 single mixed and 12 double mixed; or 15 single separate colors and 10 double separate colors. All extra fine quality bulbs.
N. Le Page, Mount Vernon, N. Y.

Begonias Argenteo-guttata, speculata, rubra and several other good varieties, 40c per doz., $2.50 per 100. Harmon & Henderson, Iola, Kan.

Flowering begonias, in variety, 2¼ or 2½-in., $3.00 100, $25.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Rex, 15 sorts, mixed; flowering, 6 sorts. R. C., prepaid, $1.10 per 100, cash.
Byer Bros., Chambersburg, Pa.

A few nice Rex and blooming begonias. Write.
Geo. A. Kuhl, Pekin, Ill.

Begonia Louise Erdody, 3-in., $7.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

BULBS.

Last call for extra fine, late dug L. longiflorum, fine for Easter; 6 to 8, $3.00 100; $28.00 1000; 7 to 9, $4.50 100; $42.00 1000.
Amaryllis Belladonna, very large bulbs, forces fine color beautiful rose, 75c 12; $5.00 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

Surplus HYACINTHS, TULIPS and MISCELLANEOUS BULBS at surprisingly low prices to clear. Write at once.
Johnson & Stokes, 217-219 Market St., Phila.

All spring bulbs now ready. Our bulbs are always reliable. Wholesale catalogue for the asking.
Arthur T. Boddington, 342 West 14th St., N. Y.

If you want fine Mexican bulbs, see adv. under the heading of Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

Single tuberous rooted begonias, 5 separate colors, 1st size, $3.00 100; 2nd size, $2.00 100.
Bobbink & Atkins, Rutherford, N. J.

We are the largest growers of FREESIA bulbs in the United States. Write us.
Rees & Compere, Long Beach, Cal.

Chinese Sacred lilies, Japan-grown callas on hand now. Prices on application.
Suzuki & Iida, 31 Barclay St., N. Y.

Milla and bessera bulbs, large and small, $5.00 per 1000. Will exchange.
C. R. Orcutt, San Diego, Cal.

D. Rusconi, importer of bulbs, plants and shrubbery, 32 West 6th St., Cincinnati, O.

CACTI.

Epiphyllum truncatum, in bud and bloom; 3-yr.-old crowns, from 25c to 50c each. Cash with order. A. Mirring, East St. Louis, Ill.

If you want fine CACTI see adv. under heading Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

CALLAS.

Calla bulblets, or offsets, 40c per 100, or 300 for $1.00 cash. Should be set in the bench soon. Mrs. M. E. Patterson, Glendale, Cal.

CAMELLIAS.

Camellia plants in sorts; best German grower; spring delivery. Address A. Rolker & Sons, New York, 31 Barclay St., or P. O. Box 752.

CANNAS.

Canna roots, $1.50 per 100. Tarrytown, Florence Vaughan, Italia, Souv. Ant. Crozy, Austria, McKinley, Marlboro, Egandale, Sam Trelease. C. M. Niuffer, Springfield, Ohio.

The Express, bright dwarf red, and Oscoda, color of Queen Charlotte are two good cannas. If interested write us.
Nathan Smith & Son, Adrian, Mich.

CARNATIONS.

Strong, well-rooted carnation cuttings.

	1000		1000
Enchantress	$30.00	Flamingo	$50.00
Adonis	25.00	Lord	10.00
Angel	10.00	Estelle	15.00
Lawson	10.00	Bradt	10.00
L. Bountiful	40.00	Mrs. Patten	40.00
Gov. Wolcott	10.00	Peru	10.00
Flora Hill	10.00	Q. Louise	8.00
B. Market	20.00	Cash or C. O. D.	

Sol. Garland, Desplaines, Ill.

CRISIS, the best commercial red; thoroughly tried; it's a money-maker. Price: $12.00 100; $100.00 1000. J. L. Dillon, Bloomsburg, Pa.

Enchantress, unrooted cuttings, $2.00 per 100, prepaid. F. A. Norton, Ypsilanti, Mich.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

Rooted carnation cuttings. 1,000,000 now ready. Cuttings shipped immediately upon receipt of order. We pack to stand 30 degrees below zero.

	Doz.	100
Fiancee, 1905, pink	$1.80	$12.00
Crisis, 1905, scarlet	1.80	12.00
Robert Craig, 1905, scarlet	1.80	12.00
Fred Burki, 1905, white	1.80	12.00
Cardinal, 1905, red	1.80	12.00
Gibson Beauty, 1905 scarlet	1.80	12.00
Wm. Penn, 1905, pink	1.50	10.00
Red Lawson, 1905, red	1.50	10.00
Red Sport, 1905, red	1.50	10.00
Richmond Gem, 1905, scarlet	1.50	10.00
Lady Bountiful, 1904, white	1.00	6.00
The Bell, 1904, white	1.00	6.00
Flamingo, 1904, scarlet	1.00	6.00
Crusader, 1904, scarlet	1.00	6.00
White Lawson, 1904, white	1.00	6.00
Nelson Fisher, 1904, variegated	1.00	6.00
Indianapolis, 1904, pink	1.00	6.00
M. A. Patten, 1904, pink	1.00	6.00
Reliance, 1904, white	1.00	6.00
The President, 1904, crimson	1.00	6.00
Judge Hinsdale, 1904, white	1.00	6.00
The Bride, 1904, white	1.00	6.00
Enchantress, shell pink	.50	3.50

Standard sorts—	Doz.	100	1000
Queen Louise, white	$0.20	$1.00	$10.00
Flora Hill, white	.20	1.00	10.00
Alba, big white	.30	1.40	12.50
Wolcott, white	.20	1.00	10.00
Norway, white	.20	1.00	10.00
Prosperity, white	.25	1.40	12.50
Lawson, pink	.25	1.40	12.50
Marquis, pink	.20	1.00	10.00
Genevieve Lord, pink	.20	1.00	10.00
Success, pink	.20	1.00	10.00
Argyle, pink	.20	1.00	10.00
Joost, pink	.20	1.00	10.00
Mermaid, salmon pink	.20	1.00	10.00
Cressbrook, pink	.20	1.00	10.00
G. H. Crane, best scarlet	.20	1.00	10.00
America, red	.20	1.00	10.00
Mrs. P. Palmer, red	.20	1.00	10.00
Harlowarden, crimson	.25	1.40	12.50
Gen. Gomez, crimson	.20	1.00	10.00
Eldorado, yellow	.20	1.00	10.00
Violiania, best variegated	1.00	5.50	50.00
Marshall Field, variegated	.25	1.40	12.50
Armazindy, variegated	.20	1.00	10.00

Express prepaid. Cash or C. O. D., with privilege of examining.
CALIFORNIA CARNATION CO., Loomis, Cal.

Carnation rooted cuttings, now ready.
Eclipse, our 1905 introduction. A pink carnation, lighter in color than Lawson, and of a more even and bright shade of pink. No objectionable shading or bleachings. A strong, free grower, $12.00 100; $100.00 1000.
Lady Bountiful and The Belle, the two best commercial white carnations of the present day. Both have received honors over competitors at the Fall exhibitions. $6.00 100; $50.00 1000; $112.50 per 2500.
Fiancee, a most pleasing shade of medium pink. No carnation has ever equaled the number of awards received by this variety. $12.00 100; $100.00 100.
Cardinal, brilliant scarlet. A great improvement over Estelle. $12.00 100; $100.00 1000.
F. Burki, pure white. $12.00 100; $100.00 1000.
Richmond Gem, scarlet. $10.00 100; $75.00 1000.
White Lawson, $7.00 per 100; $60.00 1000.
Flamingo, Nelson Fisher and Mrs. M. A. Patten, $6.00 100; $50.00 1000.
Crusader, Indianapolis, Judge Hinsdale and The President, $5.00 100; $40.00 1000.
Enchantress, $3.00 100; $25.00 1000.
In addition to the above we can supply 25 of the best standard sorts, varieties that are profitable to grow. Our preliminary price list will be sent upon application. We are pioneers in the carnation line and our facilities for rooting and handling cuttings are nearly perfect, due to our long experience.
F. Dorner & Sons Co., La Fayette, Ind.

Carnation rooted cuttings.

White	100	1000	Scarlet	100	1000
Q. Louise	$1.00	$10.00	Crsne	$1.00	$10.00
F. Hill	1.00	10.00	America	1.00	10.00
Alba	1.40	12.50	P. Palmer	1.00	10.00
Wolcott	1.00	10.00	Estelle	1.40	12.50
Norway	1.00	10.00	Manley	1.50	15.00
L. Pond	1.40	12.50	Apollo	1.50	15.00
Chicot	1.20	10.00			
Pink			Yellow		
Lawson	1.40	12.50	G. Beauty	1.40	12.50
Enchantress	3.50	30.00	Eldorado	1.00	10.00
Joost	1.00	10.00	Variegated		
Success	1.00	10.00	Prosperity	1.40	12.50
Mermaid	1.00	10.00	M. Field	1.40	12.50
Cressbrook	1.00	10.00	Stella	1.40	12.50
McKinley	1.40	12.50	Armazindy	1.00	10.00
Mrs. R'sev't	1.40	12.50	V. Allen	1.20	11.00
			Gaiety	1.20	11.00

Crimson—Harlowarden, $1.40 100; $12.50 1000. G. Roosevelt, $1.20 100; $10.00 1000. Special prices on large lots. Unrooted pips at half price. 25 at 100 rate; 250 at 1000 rate. Express prepaid. Cash or C. O. D. with privilege of examining.
Loomis Floral Co., Loomis, Cal.

Carnations. Selected young stock of Flamingo, Enchantress, Queen, Queen Louise, Wolcott, Lawson, Floriana, Lord and Fiancee. Write for prices. Robt. C. Pye, Nyack, N. Y.

200,000 rooted carnation cuttings now ready.

White	100	1000	Scarlet	100	1000
Q. Louise	$1.00	$10.00	Crane	$1.00	$10.00
F. Hill	1.00	10.00	America	1.00	10.00
Gov. Wolc't	1.00	10.00	Estelle	1.40	12.50
Alba	2.00	15.00	Crimson		
W. Cloud	1.00	10.00	Harlow'den	1.40	12.50
Pink			Yellow		
Lawson	1.20	12.50	Eldorado	1.10	12.50
Marquis	1.00	10.00	G. Beauty	1.40	12.50
Enchantress	3.50	30.00	Variegated		
Joost	1.00	10.00	Prosperity	1.40	12.50
McKinley	1.40	12.50	M. Field	1.40	12.50
Mermaid	1.00	10.00	Armazindy	1.00	10.00
Cressbrook	1.00	10.00	V. Allen	1.20	11.00

Unrooted cuttings at one-half price of rooted cuttings. Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.
Loomis Carnation Co., L. B. 115, Loomis, Cal.

250,000 rooted carnation cuttings now ready. All orders filled full and prompt.

	100	1000		100	1000
Alba	$1.40	$12.50	G. Lord	$1.20	$10.00
Q. Louise	1.20	10.00	G. H. Crane	1.20	10.00
Flora Hill	1.20	10.00	America	1.20	10.00
Wolcott	1.20	10.00	P. Palmer	1.20	10.00
Norway	1.20	10.00	Harlow'den	1.40	12.50
Prosperity	1.40	12.50	Gen. Gomez	1.20	10.00
Lawson	1.40	12.50	Eldorado	1.20	10.00
Marquis	1.20	10.00	Armazindy	1.20	10.00
Mrs. Joost	1.20	10.00			

25 at 100 rate, 250 at 1000 rate. Cash. If not satisfactory on arrival, return at once and money will be refunded promptly. We prepay express charges at above prices.
Wm. Linfoot, 317 N. Vermillion St., Danville, Ill.

Rooted carnation cuttings, ready now.

	100	1000		100	1000
W. Lawson	$5.00	$40	Enchantress	$3.00	$25
Mrs. Patten	5.00	40	L. Bountiful	5.00	40
Flamingo	5.00	40	The Queen	3.00	25
Albatross	5.00	40	B. Market	3.00	25
N. Fisher	5.00	40	Fair Maid	3.00	25

Unrooted cuttings.

	100	1000		100	1000
W. Lawson	$3.00	$25	M. A. Patten	$3.00	$25
Flamingo	3.00	25	N. Fisher	3.00	25
L. Bountiful	3.00	25	Crusader	3.00	25
Enchantress	2.00	15	The Queen	2.00	15
B. Market	2.00	15	Fair Maid	2.00	15

Imperial Greenhouses, Utica, N. Y.

VICTORY, to be disseminated in 1906, is a true and brilliant scarlet, has a grand stem, does not burst, is never off crop, and is the best shipper and keeper ever introduced. Price: $12.00 100; $100.00 1000; 250 at 1000 rate.
Strong rooted cuttings of the following:

	100		100
White Lawson	$6.00	N. Fisher	$6.00
Enchantress	3.00	Prosperity	3.00
The Belle	6.00	L. Bountiful	6.00
H. Fenn	2.50	Goethe	2.50
Lord	2.50	Manley	3.00
Maceo	1.50	Cervera	2.00
Lawson	2.00		

5% discount for cash with orders.
Guttman & Weber, 52 W. 29th St., N. Y.

Carnation rooted cuttings, ready now. Clean, healthy stock, well-rooted.

Red.	100	1000	Light Pink.	100	1000
Crusader	$6.00	$50.00	G. B'uty.	$12.00	$100.00
Estelle	2.00	17.50	Enc'tress	3.00	25.00
Mrs. Ine	1.50	12.50	H'inbotham	2.00	17.50
Flamingo	5.50	45.00	White.		
Pink.			B. Market.	2.50	20.00
Lawson	1.50	12.50	Peru	1.50	12.50
Nelson	2.00	17.50	W. Cloud.	1.50	12.50
G. Angel	1.25	10.00	Q. Louise.	1.50	12.50
Mrs. Joost.	1.25	10.00	F. Hill	1.25	10.00
G. Lord	1.25	10.00	Variegated.		
N. Fisher	6.50	55.00	Patten	5.50	45.00

Geo. Reinberg, 51 Wabash Ave., Chicago.

RED SPORT, the new bread and butter, commercial red carnation, now in its fourth year, has the hardy constitution of Gen. Maceo, with a stronger, heavier growth, longer and stiffer stem and a larger flower. It will keep longer and travel farther than any other red carnation. All our stock is sold up to Jan. 25. Orders filled in strict rotation from that date on. 12 for $1.50, 25 for $2.50, 50 for $4.00, all postpaid; $6.00 per 100, $50.00 per 1000, by express.
We guarantee all cuttings to be well rooted and to arrive in good condition.
A. B. DAVIS & SON, Purcellville, Va.

Carnation rooted cuttings.

	100	1000		100	1000
Flamingo	$6.00	$50.00	Lawson	$1.50	$12.50
The Belle	5.00	45.00	M. Glory	1.50	12.50
Crusader	5.00	45.00	Joost	1.50	12.50
Bountiful	5.00	45.00	Estelle	1.50	12.50
Indian'polis	5.00	45.00	H'inbotham	1.00	9.00
Ench'tress	3.00	25.00	Hill	1.00	9.00
B. Market	2.50	20.00	Q. Louise	1.00	9.00
Nelson	1.50	12.50	Peru	1.00	9.00
Adonis	2.50	20.00	G. Angel	1.00	9.00

All cuttings sold under condition that if not satisfactory they may be returned.
P. Reinberg, 51 Wabash Ave., Chicago.

Surplus stock of fine carnations, such as Joost, Floriana, Dorothy, Glacier, Flora Hill, Queen Louise, Lillian Pond, Roosevelt, at $5.00 per 100, or will exchange for Princess of Wales violets.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Rooted carnation cuttings.

White.	100.	1000	Pink.	100	1000
L. Bountiful	$4.00	...	Enchantress	$3.50	$30
Vesper	4.00	$35	Lawson	2.00	15
Queen	2.50	20	Fairmaid	2.00	15
Q. Louise	2.00	15	Indianapolis	4.00	..
Wolcott	2.00	15	Ethel Ward	4.00	..
B. Market	2.00	15	Variegated.		
W. Lawson	6.00	50	Mrs. Patten	6.00	..
Crimson			Prosperity	2.00	15
Harlowarden	2.50	20	Gaiety	2.00	15
Octoroon	4.00	..	Stella	2.00	15
Flamingo	5.00	40	M. Field	2.00	15

S. S. Pennock, Philadelphia, Pa.

ROOTED CARNATION CUTTINGS.
JANUARY DELIVERY.
All orders filled in rotation.

	100		100
Mrs. Patten, var.	$6.00	Queen, white	$3.00
White Lawson	6.00	B. Market, white.	3.00
Albatross, white	6.00	Queen Louise	2.00
Flamingo, scarlet.	6.00	Lawson	2.00
Enchantress	3.50	Manley, scarlet	2.00
Challenger	2.00		

Write for prices on large lots; 5 per cent discount for cash with order.
James D. Cockcroft, Northport, L. I., N. Y.

WHITE LAWSON, which we introduced last year has given great satisfaction and has proved to be the finest WHITE CARNATION ever sent out. Remember that we are headquarters for it. We are now booking orders for early delivery, at $7.00 100; $60.00 1000 for first-class, strong rooted cuttings.
We have all the other novelties of the season—Fiancee, Cardinal, Fred Burki, etc., also the cream of the older sorts—Mrs. Patten, Daheim, Enchantress, Flamingo, Mrs. Lawson, etc.
F. R. PIERSON CO., Tarrytown, New York.

The new scarlet seedling ROBERT CRAIG, the ideal Christmas carnation. Prices: $2.50 doz., $12.00 100, $100.00 1000. 2500 lots, $95.00 1000; 5000 lots, $90.00 1000; 10,000 lots or more, $80.00 1000.
The new white seedling LIEUT. PEARY, commences blooming Oct. 15 and flowers continuously through the winter. A first-class commercial variety in every respect. Prices: $12.00 100; $100.00 1000.
Send orders early to
Cottage Gardens Co., Inc., Queens, N. Y.

Rooted carnation cuttings.

	100	1000		100	1000
L. Bountiful	$6.00	$50	Nelson	$3.00	$25.00
The Belle	6.00	50	H. Fenn	2.50	20.00
Flamingo	6.00	50	G. Wolcott.	2.50	20.00
N. Fisher	6.00	50	Adonis	2.50	20.00
Mrs. Patten.	6.00	50	Lawson	2.00	17.50
Enchantress	3.50	30	Fair Maid.	2.00	17.50
Prosperity	3.00	25	W. Cloud.	1.50	12.50
Manley	3.00	25	M. Glory.	1.50	12.50
B. Market	3.00	25	Joost	1.25	8.00

W. J. & M. S. Vesey, Fort Wayne, Ind.

50,000 rooted carnation cuttings, good strong plants now ready for delivery.

	100	1000
Mrs. T. W. Lawson	$2.00	$15.00
W. Lawson	5.00	45.00
Enchantress	2.50	20.00
Boston Market	2.00	18.00
Mrs. M. A. Patten	4.50	40.00

50 at 200 rate, 500 at 1000 rate. Satisfaction guaranteed. Cash.
F. Boulon & Son, Sea Cliff, N. Y.

Rooted carnation cuttings ready now. Fine healthy stock. Orders booked for future delivery.

	100	1000		100	1000
W. Lawson	$7.00	$60.00	Enchant'ss	$3.50	$30.00
Bountiful	6.00	50.00	Flamingo	6.00	
Mrs. Patten	6.00	50.00	B. Market.	2.50	20.00
N. Fisher.	7.00	60.00	The Queen.	2.50	20.00
Daheim	6.00	50.00	Mrs. Lawson	2.50	20.00

List of other varieties on application.
Wood Bros., Fishkill, N. Y.

The queen of all variegated carnations is VARIEGATED LAWSON. The fall shows proved the Lawson blood still ahead. You need this one, the best variegated on the market. Cuttings, guaranteed first-class, $2.00 per doz.; $10.00 per 100; $80.00 per 1000; 50 at 100 rate; 250 at 1000 rate. Delivery in rotation, beginning at once.
W. B. ARNOLD
Rockland Greenhouses. Rockland, Mass.

Carnation cuttings.

	100	1000		100	1000
Enchantress	$4	$30	M. A. Patten	$6	$50
Queen	3	25	Lawson	2	15
Fair Maid	3	25	Wolcott	2	15
Harry Fenn	3	25	Manley	2	15
Q. Louise	2	15	Estelle	2	15

Our stock is first-class, and we guarantee our cuttings to be A1 and well-rooted.
The Lewis Conservatories, Marlboro, Mass.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$3.50	$30	Fairmaid	$2.50	$20
Queen	3.00	25	Q. Louise	2.00	15
Lawson	2.50	20	Cressbrook	2.00	15
Challenger	2.00	15	Maceo	2.00	15
H. Fenn	3.00	25	Prosperity	2.50	20
G. M. Bradt.	3.00	25	Fiancee	12.00	100

C. Warburton, Fall River, Mass.

Mrs. Fisher carnations for summer bloom, strong 2-in., $2.50 100. Cash.
Wm. Keir, Pikesville, Md.

CARNATIONS—Continued.

Carnation cuttings, well-rooted, from selected stock.

	100	1000		100	1000
Nelson Fisher	$7.00	$60	Enchantress	$4.00	$30
Mrs. Patten..	6.00	50	H. Fenn	3.00	25
Flamingo	6.00	50	Manley	3.00	25
Crusader	6.00	50	Fair Maid ...	2.50	20
D. Whitney...	5.00	40	Queen	3.00	25

Backer & Co., Billerica, Mass.

Our specialty, in carnations, is UNROOTED CUTTINGS. We have the best varieties for business. Fair Maid, Mrs. Thos. W. Lawson, Boston Market, Queen, $10.00 per 1000; 250 or more at 1000 rate. Flamingo and Crusader, $2.00 per 100. Careful packing and prompt shipment. Cash, please.
STEPHEN CHASE, Nashua, N. H.

Rooted carnations, now ready.

	100	1000		100	1000
Ench'tress	$3.50	$27.50	Flamingo	$5.00	$40.00
Manley ...	3.00.	25.00	B. Market.	3.00	25.00
H. Fenn ..	2.50	20.00	Fair Maid.	2.50	20.00
Wolcott ..	2.50	20.00	Lawson ..	2.50	20.00

Mrs. M. A. Patten, $6.00 100; $50.00 1000.
Henry A. Stevens Co., East St., Dedham, Mass.

Rooted carnation cuttings.

	100	1000		100	1000
Mrs. Patten..	$5.00	$45	Mrs. Nelson..	$2.50	$20
Enchantress .	3.00	25	Harry Fenn..	2.50	20
Fair Maid....	2.50	20	The Queen...	2.50	20
Mrs. Lawson.	2.50	20	Queen Louise	2.00	15
Harlowarden..	2.50	20			

Standard Greenhouses, Norwood, R. I.

Carnation rooted cuttings.

	100	1000		100	1000
Enchant.	$4.00	$30.00	Joost	$1.25	$10.00
Lawson ..	1.50	12.50	Marquis ..	1.25	10.00
B. Mkt. ..	3.00	20.00	W. Cloud .	1.50	12.50
F. Hill ..	1.25	10.00	Q. Louise.	1.25	10.00
Estelle ...	2.50	20.00	Prosperity	2.00	15.00

W. C. Hill Floral Co., Streator, Ill.

Rooted carnation cuttings. Per 100:

Red Lawson	$8.00	Flora Hill	$1.25
Mrs. Lawson	1.25	Queen Louise	1.25
Enchantress	2.50	Marquis	1.25
Nelson	1.50	Joost	1.00

Cash with order or C. O. D.
F. G. Lewis, 519 Locust St., Lockport, N. Y.

Place your order now for the new carnation FRED BURKI. Will be disseminated in 1905. Price: $12.00 100, $100.00 1000; 250 at 1000 rate. Address S. S. Skidelsky, 824 No. 24th St., Philadelphia. Or,
John Murchie, Sharon, Pa.

Heavily rooted cuttings, 1,500 Prosperity, 2,500 Joost, 1,000 Queen Louise, 250 Albertini, 200 Higinbotham, 100 Cressbrook, $2.00 100; $17.50 1000 while they last; C. O. D., or if cash is sent with order express will be prepaid.
South Bend Floral Co., South Bend, Ind.

The best big-flowered, general purpose scarlet carnation now before the trade is CARDINAL. We also have Fiancee and Fred Burki. All three at $12.00 per 100, $100.00 1000. Send for our trade list. E. G. HILL CO., Richmond, Ind.

25,000 rooted carnation cuttings for January and February delivery: Flora Hill, Mrs. McGowan, Joost, Queen Louise, Elbon, a fine red. All at $10.00 1000. Cash with order, please.
Locust Street Greenhouses, Oxford, Pa.

PALMER'S RED LAWSON, sport from the famous Mrs. Thos. Lawson. Planted May 18, in full crop middle of August. Rooted cuttings, $10.00 100; $40.00 500; $75.00 1000.
W. J. Palmer & Son, Lancaster, N. Y.

Well-rooted cuttings, ready now. Per 100:

Enchantress	$2.50	Lawson	$1.50
Fairmaid	2.50	Flora Hill	1.00
Boston Market...	2.50	Joost	1.00

F. P. Sawyer, Clinton, Mass.

Rooted carnation cuttings.

	100	1000		100	1000
W. Lawson..	$6.00	$50	Enchantress..	$3.50	$30
Flamingo ..	5.00	40	The Queen..	2.50	20

The Cardinal, January delivery, $12.00 per 100. Larchmont Nurseries, Larchmont, N. Y.

Rooted cuttings, now ready. Strong and healthy. Price per 1000, Enchantress, $30.00; Prosperity and Nelson, $25.00; Lawson, Estelle and Wolcott, $20.00; Q. Louise and H. Maid, $15.00. Henry Baer, R. F. D. 3, Peoria, Ill.

Fine rooted cuttings of Boston Market ready now, $17.00 1000; an excellent substitute for Flora Hill.
H. A. Molatsch, 68th St., bet. 8th & 9th Ave., Brooklyn, N. Y.

MY MARYLAND, the largest, most productive, most profitable white carnation yet raised will be disseminated in 1906. Write us about it.
H. Weber & Sons, Oakland, Md.

Carnation WM. PENN, a new pink well worth a trial by every grower of carnations. Send for descriptive list now.
Albert M. Herr, Lancaster, Pa.

Unrooted carnation cuttings of Enchantress, $2.00 100; Lawson, $1.00 100; Crane, America and F. Hill, 75c 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Carnations, unrooted cuttings. Lawson, Q. Louise, G. Lord, $10.00 1000; Joost, $7.50; 250 at 1000 rates. H. B. Gilbert, Plainville, Conn.

Carnations. Hardy garden, Henderson's strain; flower in June; per 100, $3.50 prepaid.
J. Sylvester, Oconto, Wis.

Fieldgrown carnation plants, Joost, Freedom and Good Enough, $4.00 100.
Converse Greenhouses, Webster, Mass.

Rooted carnation cuttings. Write for prices.
The Philippi Nurseries, Rocklin, Cal.

CHRYSANTHEMUMS.

Chrysanthemum stock plants.

	Each	12		Each	12
Dr. Enguehard...	35c	$3	Rockford	25c	$3
W. Mrs. Tranter.	35c	3	Uncle John.....	35c	3
American Beauty.	35c	3	Mrs. Probin.....	35c	
S. J. Wright....	50c	5	Mrs. Newell.....	35c	

Pacific, Polly Rose, Willow Brook, Ivory, Mrs. J. Jones, 10c ea.; $6.00 100. Orizaba, Halliday, Monrovia, Merry Xmas, Liger, H. Sinclair, 10c ea.; $7.00 100.
H. Weber & Sons, Oakland, Md.

The new white chrysanthemums, MAJESTIC and ADELIA were World's Fair prize winners. Having an immense stock of rooted cuttings of these two varieties we offer them at the low price of $3.00 doz.; $15.00 100; $125.00 1000. From 2-in. pots, 5c additional. Madonna, a fine pink, at same prices.
JOHN BREITMEYER'S SONS, Detroit, Mich.

Chrysanthemum stock plants. Per 100:

Bonnaffon	$5.00	Pink Ivory	$5.00
White Bonnaffon.	5.00	Mrs. Weeks	5.00
Goldmine	5.00	Marie Liger	12.00
Jerome Jones	5.00	Chadwick	12.
Convention Hall..	12.00	Yellow Eaton	12.00

G. Hanson, So. Cameron St., Harrisburg, Pa.

Chrysanthemums. Strong stock plants of Dr. Enguehard, $1.00 per doz. Silver Wedding, Col. D. Appleton, Mrs. Jerome Jones, Columbia, Grates, W. K. Rieman, Helen Bloodgood, Marie Liger, White Bonnaffon, Mrs. S. J. Tranter, 75c per doz.
C. W. Reimers, Hite Ave., Louisville, Ky.

Chrysanthemum stock plants of Balfour, Halliday, White and Yellow Bonnaffon; Appleton, Minnie Bailey, Ivory, Eaton, Pacific, Kalb, Whilldin, Estelle and Duckham. Write for prices. We have a large stock of Ivory.
Wm. Swayne, Box 226, Kennett Square, Pa.

Chrysanthemum novelties. We are headquarters for the best new varieties, Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Mileham, Lady Cranston, A. J. Miller, Mrs. D. V. Weat, etc. Complete list now ready. Send for copy. Chas. H. Totty, Madison, N. J.

Chrysanthemums Wm. Duckham, Dr. Enguehard, A. J. Balfour, Alice Byron, white and yellow; Golden Chadwick, Yellow Eaton, Appleton, Omega and Marion Newell, large, good healthy clumps. Write for prices.
The B. K. & B. Floral Co., Richmond, Ind.

Chrysanthemum stock plants. Coombes, Robinson, Halliday, Tranter, Alice Byron, Chamberlain, Golden Wedding, Cadbury, $5.00 per 100. These plants were grown in solid beds, making extra fine clumps.
The Summerfield Floral Co., Springfield, Mo.

Among the new varieties which we had on trial for this year are some magnificent sorts, 0 of which have been awarded certificates. Send for our trade list which gives varieties, prices and full descriptions of each.
E. G. HILL CO., Richmond, Ind.

Rooted cuttings of Bonnaffon and Mrs. Robinson chrysanthemums: 1000 of each at $1.00 per 100. W. H. Drake, Kenosha, Wis.

White Maud Dean stock plants, 25c each, $2.50 per doz., identical with Pink Maud Dean.
Evenden Bros., Williamsport, Pa.

Chrysanthemums. Wm. Duckham, extra fine, strong clumps, $1.00 per doz.
Larchmont Nurseries, Larchmont, N. Y.

See our large adv. about the new chrysanthemum in this issue.
Ellsworth Florist, Grand Island, Neb.

BUSINESS BRINGERS—
REVIEW Classified Advs.

CINERARIAS.

Cinerarias. James Prize, Columbian, and Stellata, 4 and 4½-in., in bud, 24 for $2.50; 6-in., 15 to 18 inches high, full of buds, 12 for $2.00; safely packed.
J. Sylvester, Oconto, Wis.

Cinerarias, very fine, stocky plants, select strain, ready for 3½-in. pots, $3.00 per 100.
Port Alleghany Greenhouses, Port Alleghany, Pa.

CLEMATIS.

Large-flowered clematis, purple, lavender, white and red sorts, 2 yr., 18c; 1 yr., 9c.
W. H. Salter, Rochester, N. Y.

COLEUS.

Coleus rooted cuttings, 60c per 100, $5.00 per 1000; 2-in., $2.00 100, $18.00 1000. Golden Bedder, Verschaffeltii and other varieties. Orders booked for future delivery.
E. B. Randolph, Delavan, Ill.

Coleus, 10 best varieties, 2¼ or 2½-in., $2.50 100, $20.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Coleus rooted cuttings, 30 named varieties, 70c 100; $6.00 1000. Prepaid.
C. Humfeld, Clay Center, Kan.

Coleus rooted cuttings, 40 var., 70c 100; $6.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Coleus, good varieties, 2¼-in., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

CUPHEAS.

Cuphea (cigar plant), rooted cuttings, $1.25 100; $10.00 1000. Prepaid.
C. Humfeld, Clay Center, Kan.

CYCLAMEN.

Cyclamen persicum splendens, best Hamburg strain, in 5 colors; strong, 3½ and 4-in., in bud and bloom, $12.00 and $18.00 per 100. Cash with order, please. H. Book, Worcester, Mass.

Cyclamen giganteum, large flowering plants in bud, 3-in., $5.00 per 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Cyclamen giganteum, 3-in., fine plants, $7.00 100. Cash, please. Fred Grohe, Santa Rosa, Cal.

DAHLIAS.

DAHLIAS. Pot roots for immediate shipment. Every section, including the popular CACTUS dahlias, at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 100. These are postpaid terms; note this when comparing prices.

Twelve seedling CACTUS dahlias, all 1903 sorts, and certificated by the Dahlia societies in England, $2.50 postpaid.

1904 seedling CACTUS dahlias. A rare opportunity; only a few to offer at $1.25 each, postpaid, in quantities of not less than 4 sorts, or 1 of each (there are 16 of them) for $16.00, postpaid.

Terms: Cash with order. Catalogue free.
Hobbies Limited, Norfolk Nurseries, Dereham, England.

MRS. WINTERS, still the leading white. My sales of this variety for the past two years were phenomenal; also INGEBORG EGELAND, the new scarlet cactus. Do not fail to list these two novelties. Also fine stock of leading novelties and standard varieties. Catalogue of dahlias, peonies, hollyhocks, gladioli and hardy plants, now ready.
W. W. WILMORE, Dahlia Specialist,
Box 382, DENVER, COLO.

DAHLIAS. Half a million pot roots ready for dispatch. The largest and most up-to-date collection in the world. Special low quotations to the trade upon receipt of requirements. Catalogues free.
The Horticulture Company, Champion Dahlia Specialists, Cheadle-Hulme, Cheshire, England.

Dahlias, field roots. Clifford W. Bruton, yellow; Storm King, pure white; A. D. Livoni, pink; Maid of Kent, red, tipped white, $5.00 per 100; mixed, $4.00 per 100. The Brighton Seed & Floral Co., 215 Occidental Ave., Seattle, Wash.

Dahlia roots. Good selection of standard varieties, $5.00 100; $40.00 1000. Mixed, $4.00 100; $35.00 1000. Send for list.
R. Vincent, Jr. & Son, White Marsh, Md.

Dahlias, over 200 distinct varieties, new and up-to-date in all classifications. List and prices on application.
Palisades Nurseries, Sparkill, N. Y.

DAISIES.

NEW SHASTA DAISIES
ALASKA, CALIFORNIA, WESTRALIA,
$3.00 doz.; $15.00 100. Having obtained my stock from Mr. Burbank, it is warranted to be pure and true to name. Postal for circular. Shasta daisy "Shasta," strong field plants, $3.00 100. Small plants, one-third less. Prepaid. Cash, please. Fred Grohe, Santa Rosa, Cal.

Shasta daisies, 2½-in. pots, extra strong plants from assorted blooms, $3.00 100; $25.00 1000. National Plant Co., Dayton, Ohio.

Daisies, $1.00 per 100.
S. D. Brant, Clay Center, Kan.

DRACÆNAS.

Dracaena indivisa, 6 to 10 inches high, fine stock to grow on, $5.00 per 1000.
Golden State Plant and Floral Co., Santa Monica, Cal.

Dracaena indivisa, 2¼ or 2½-in., $3.00 100, $25.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Dracaena indivisa, strong 2½-in., $2.50 per 100; 4-in., $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Dracaena Bruanti, 6-in., 20 to 25 inches high, 50c each, $5.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Dracaena indivisa, 5-in. pots, 20c; 6-in. pots, 25c. T. W. A. Smith, Biddeford, Me.

Dracaena indivisa, 4-in., $8.00 100. Cash.
Wm. Keir, Pikesville, Md.

Dracaena indivisa, 3-in., 10c.
Rhoten Bros. & Co., Bx. 5, Danville, Ill.

EUPHORBIAS.

Euphorbia splendens, 2½-in., $7.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

FARFUGIUMS.

Farfugium grande, bushy, 3-in., $10.00 per 100. Iowa Seed Co., Des Moines, Iowa.

FERNS.

Cibotium Schiedei, the most magnificent tree fern in cultivation, extra large specimens, 12-in. pots, $15.00 each, $25.00 pair; 10-in. pots, $5.00 each, $9.50 pair; 8-in. pots, $2.75 each, $32.00 doz.; 7-in. pots, $1.75 each, $20.00 doz. Assorted ferns, 4-in., suitable for large jardinieres and basket work, in 10 good varieties, $15.00 100; fine bushy stock from 2¼-in. pots, in all the best varieties, $3.00 100, $25.00 1000, 500 at 1000 rate.
Anderson & Christensen, Short Hills, N. J.

Boston ferns, 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100. Piersoni rooted runners, $2.00 100. Scottii, $5.00 100.
Davis Bros., Geneva, Ill.

Boston ferns, 3-in. pots, $4.00 100; 4½-in., $6.00 100; 5-in., $10.00; 6 and 7-in., $15.00 100. Wrapped and packed securely against frost. Cash.
F. A. Walker & Co., Box 316, New Albany, Ind.

Boston ferns, extra fine stock cut from bench for 5, 6, 7, 8-inch pots, at $25.00, $50.00, $75.00, $100.00 per 100.
L. H. Foster, 45 King St., Dorchester, Mass.

Nephrolepis Scottii, 6-in., pot-grown, ready for 8-in., $15.00 doz.; 7-in., $24.00 doz.; 8-in., $36.00 doz.
John Scott, Keap St., Brooklyn, N. Y.

Boston ferns in 2½-in. to 10-in. Piersoni, 2½-in. to 7-in. Scottii, 4-in. to 6-in.
Geo. A. Kuhl, Pekin, Ill.

Boston ferns. Stocky plants with short fronds, good value; 6-in. pots, 50c each, $6.00 doz. J. W. Young, Germantown, Phila., Pa.

Boston ferns taken from bench, $10.00, $15.00, $20.00, $25.00 and $50.00 per 100. Extra fine stock. Wm. A. Bock, No. Cambridge, Mass.

Boston ferns, fine plants, 5-in. pots, 20c; 4-in. pots, 15c. Nephrolepis Fosteriana, fine, 4-in. pots, 15c. T. W. A. Smith, Biddeford, Me.

Boston ferns, 3-in., 6c; 4-in., 12c; 5-in., 25c; 6-in., 35c; 7-in., 60c. Pierson ferns, 3-in., 8c; 4-in., 15c. S. M. Harbison, Danville, Ky.

Boston ferns, 2½-in., $5.00 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c; 6-in., 40c; 7-in., 90c.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Boston ferns, well-established, 2¼ or 2½-in., $30.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Boston ferns, 3, 4 and 5-in. Fine stock. Write for lowest prices.
Swan Peterson Floral Co., Gibson City, Ill.

Boston ferns, fine plants, 4-in., $12.00 per 100; 5-in., $24.00 per 100.
Converse Greenhouses, Webster, Mass.

Boston ferns, 3-in., 4-in., 5-in., at 6c, 8c and 12c.
Rhoten Bros. & Co., Bx. 5, Danville, Ill.

Special discount on Boston and Pierson ferns.
J. B. Braidwood, Colorado Springs, Colo.

GARDENIAS.

Cape Jessamines, Gardenia Florida, strong and stocky, 3 to 6-in., $2.00 100; $18.00 1000; 6 to 8-in., $3.00 100; $25.00 1000. Field-grown plants, 12 to 18-in., $10.00 100.
John Monkhouse, Jewella, La.

Gardenias. Grandiflora Cape Jessamine our leading specialty, 1-yr., 18-24-in., $1.50 doz., $10.00 100. Dormant now and until Feb. 25.
C. W. Benson, Alvin, Tex.

GERANIUMS.

Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong 2½-in. plants, $5.00 per 100.
ANDREW PETERSON, Paxton, Ill.

Geraniums Nutt, Ricard, Poitevine, Mme. Barney, etc., strong stock from 2¼ or 2½-in., $25.00 1000. Our selection of varieties in assorted colors, $20.00 1000. 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Geranium PETER HENDERSON, a very much improved double Grant, should be in every growers' collection.
Strong rooted cuttings delivered free at 50c per doz. Albert M. Herr, Lancaster, Pa.

Geraniums; good, strong, stocky plants from 2¼-in. pots.

Double.	12	100	1000
Bruanti, dbl. orange red	40c	$2	$20.00
Centaure, beautiful rose pink	40c	2	17.50
C. de Harcourt, pure white	40c	2	20.00
Dbl. Gen. Grant, vermilion scarlet	40c	2	17.50
Gloire de France, white, pink shading	40c	2	17.50
Jean Viaud, bright rose pink	40c	2	17.50
Le Cid, dark scarlet crimson	40c	2	17.50
La Favorite, pure white	40c	2	20.00
Miss F. Perkins, light pink	40c	2	20.00
Miss Kendall, dark cerisette	40c	2	20.00
Mme. Charrott, rosy salmon pink	40c	2	20.00
Mme. Barney, rose pink	40c	2	20.00
Mme. Buchner, white	40c	2	20.00
Mme. Landry, apricot salmon	40c	2	17.50
Mme. Canovas, dark maroon	40c	2	20.00
S. A. Nutt, scarlet crimson	40c	2	20.00
Singles.			
Granville, rose pink	40c	2	17.50
L'Auba, pure white	40c	2	17.50
Queen of the West, orange scarlet	40c	2	17.50
Sgl. Gen. Grant, crimson scarlet	40c	2	17.50

SPECIAL PRICE FOR THIS WEEK.
Not less than 250 of any one variety of the following at $15.00 per 1000; 6000 for $100.00: Dbl. Gen. Grant, Gloire de France, Jean Viaud, Mme. Landry, Granville and Queen of the West.
Send for our descriptive geranium catalogue.
R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums, mixed; fine, stocky plants in 2¼-in. pots. Bruant, S. A. Nutt, Castaline, Jean Viaud and other leading bedders, $1.75 per 100.
Buterbaugh & Sprinkle, Waynesboro, Pa.

Geraniums, double, single and ivy leaf varieties; strong plants, $3.00 100, $25.00 1000; strong rooted cuttings, $2.00 100, $15.00 1000.
Wood Bros., Fishkill, N. Y.

Geraniums, rooted cuttings. S. A. Nutt, Paul Bruant, Viaud, B. Poitevine, Mrs. E. G. Hill, Buchner, $1.50 100, $14.00 1000.
The W. T. Buckley Co., Springfield, Ill.

Fine geraniums, 2½-in. pots, $2.00 100. Jean Viaud, E. G. Hill, Ricard, Happy Thought, Crystal Palace Gem.
National Plant Co., Dayton, Ohio.

Apple scented geranium, 2-in., $3.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

GLADIOLI.

We are headquarters for gladioli. Over 100 acres under cultivation. We have the largest and finest stock in existence. Write for special prices on large quantities.
John Lewis Childs, Floral Park, L. I., N. Y.

Gladioli. Highest quality grown in the world. Groff's hybrids and other sorts the best obtainable. See display adv. in this issue.
Arthur Cowee, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.

Gladiolus bulbs. May and Groff's hybrids (both genuine). All sizes for sale cheap. Cash, please. P. O. Coblentz, New Madison, Ohio.

Gladiolus Colvillei, The Bride, pure white forcer, 65c 100; $6.00 1000.
H. H. Berger & Co., 47 Barclay St., N. Y.

Augusta, different sizes; also small grades, at $3.50 and $5.00 per 1000.
John Fay Kennell, Chili Center, N. Y.

Eugene Scribe, Augusta, also mixture. Write for prices. E. E. Stewart, Rives Junction, Mich.

Our gladiolus bulbs are good. Try them.
Cushman Gladiolus Co., Sylvania, O.

BUSINESS BRINGERS—
REVIEW Classified Advs.

GREVILLEAS.

Grevillea robusta, 2-in., $3.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

HARDY PLANTS.

Boxwood pyramids, 4 ft., $150.00 100; 3 ft., $100.00 100. Boxwood for pots, fine stock, $25.00 100. Rhododendrons, hybrids for forcing, $50.00 100; larger size, $75.00 to $100.00. Azalea mollis, well budded, $25.00 100; standards, $50.00 100; extra, $75.00 100. Deutzia gracilis, $13.00 100; D. Lemoinei, $15.00 100. Hydrangea paniculata grandifl., $15.00 100. Lilacs, $45.00 100. Aristolochia Sipho, extra fine, $45.00 100. Dielytra spectabilis, fine roots, $7.50 100. Magnolia in variety, large plants, $150.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Finest stock of hardy forest rhododendrons in the U. S., especially suited for planting on fancy lawns and on large estates. Large orders solicited. Also 200,000 extra fine apple, plum, pear, peach, cherry and quince trees at reasonable prices. We also have a full line of small fruits.
Riverside Nursery Co., Confluence, Pa.

For your trees, shrubs, vines and small fruits send to WM. H. MOON CO., Morrisville, Pa.

Extra fine blue spruce (Koster), from 2 to 5 ft. high, taxus in all sizes, conifers, hardy shrubs, etc. All strictly first-class. Catalogue free. Van der Weijden & Co., Boskoop, Holland.

Now is the time to book your orders for Japanese nursery stock for spring delivery. Send for catalogue.
Suzuki & Iida, 31 Barclay St., N. Y.

Perennials; many acres, including all the best commercial and florists varieties. Send for list with prices. Palisades Nurseries, Sparkill, N. Y.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

Shrubs, plants, bulbs. Wholesale or retail. Write D. Rusconi, Importer, 32 West 6th St., Cincinnati, O.

Apple seedlings, apple grafts, forest tree seedlings and general nursery stock.
Shenandoah Nurseries, Shenandoah, Iowa.

We handle the best grade of nursery stock only. Send for our catalogue.
Western Seed Co., Shenandoah, Iowa.

Trees and shrubs, fine varieties, low prices. Send for catalogue.
Peterson Nursery, 504 W. Peterson Ave., Chicago.

Niagara and Diamond grapevines, cheap. Extra strong stock.
So. Flo. Nur. Co., Fruitdale, Ala.

HELIOTROPES.

Heliotropes, dark purple and blue, named varieties, 2¼ or 2½-in. pots, $3.00 100, $25.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Heliotropes, rooted cuttings, 10 best varieties, $1.00 100; $8.00 1000. Prepaid.
C. Humfeld, Clay Center, Kan.

Heliotrope rooted cuttings, 12 var., $1.00 100, $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Heliotropes, light and dark, rooted cuttings, $1.00 100. Cash, please.
Fred Grohe, Santa Rosa, Cal.

Heliotropes, 2¼-in., fine stock, $2.00 per 100. Cash. W. H. Parsil, Summit, N. J.

Heliotropes, good varieties, 2¼-in., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

HIBISCUS.

Hibiscus Peachblow, grandest variety out, 2¼ or 2½-in., $3.00 100.
Storrs & Harrison Co., Painesville, O.

Hibiscus Peachblow, 2-in., $3.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

Hibiscus, 3 varieties, $3.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

BUSINESS BRINGERS—
REVIEW Classified Advs.

HOLLYHOCKS.

Hollyhocks. Large field-grown plants, $3.00 per 100. Double varieties in red, white, pink, yellow and maroon; also the Allegheny strain in mixture at same price. Catalogue of peonies, hardy plants, gladioli and dahlias now ready.
W. W. WILMORE, Box 382, Denver, Colo.

Hollyhock seeds, single, mixed, 65c per oz. 1904. Allegheny strain, mixed, 85c per oz.
Jos. S. Chase, Malden, Mass.

Hollyhocks, dbl. white, mixed, 3-in., $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

HYDRANGEAS.

Hydrangea Otaksa, dormant, with 4 to 6 flowering crowns, $5.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

Hydrangea pan. grand., bushy plants, 8c.
W. H. Salter, Rochester, N. Y.

IVY.

Ivy. Strong, field-grown, English plants, with many runners, 3 to 4 ft., 75c doz., $6.00 100, $50.00 1000. Palisades Nurseries, Sparkill, N. Y.

Hardy English ivy, $2.00 100, $15.00 1000.
R. Vincent Jr. & Son, White Marsh, Md.

German ivy, 2¼ or 2½-in., $2.50 100.
Storrs & Harrison Co., Painesville, O.

JAPANESE NOVELTIES.

Japanese tiny plants and dwarfed trees of many varieties in attractive Japanese pots. An immense stock and the only stock of these novelties in the country; great value, first-class sellers, wonderfully unique and attractive. Price, $25.00 per 100.
Suzuki & Iida, 31 Barclay St., N. Y. City

LANTANAS.

Lantanas, 10 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

LEMONS.

Lemons. Ponderosa or American Wonder, nice 2-in. plants, $3.00 per 100; strong 4-in., $18.00. Iowa Seed Co., Des Moines, Iowa.

LILY OF THE VALLEY.

Bruns' extra fine Berlin pips, for early forcing $1.25 100; $12.00 1000; $29.00 per case of 2500.
Finest cut valley always on hand, at Chicago market price.
H. N. Bruns, 1400 W. Madison St., Chicago.

Russian lily of the valley, the best for early or late forcing, $15.00 per 1000, $32.50 per 2500; $125.00 per 10,000.
Stumpp & Walter Co., 50 Barclay St., N. Y.

Lily of the valley pips.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

MEXICAN PLANTS--SEEDS.

MEXICAN PLANTS AND SEEDS.
We have the largest and finest stock in Mexico of ORCHIDS, CACTI, AGAVES, ETC.
We have just published our illustrated and descriptive cultural catalogue for Orchids and Cacti. Send 10 cents in postage stamps for it. Price list free.
J. BALME & CO., 2nd Plateros St., No. 5.
P. O. Box 628, MEXICO CITY.

MOONVINES.

Moon vines, white and blue, 50c doz., $3.0 100. R. Vincent, Jr. & Son, White Marsh, Md.

MYRTLE.

Crape myrtle, pink and purple, field-grown, 12 to 18-in., $6.00 100.
John Monkhouse, Jewella, La.

ORANGE TREES.

Orange trees. Write for prices.
The Philippi Nurseries, Rocklin, Cal.

ORCHIDS.

We have always on hand a stock of established and semi-established orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

The most up-to-date and complete collection in the trade, hybrids a great specialty; descriptive and priced catalogue on request.
Charleaworth & Co., Heaton, Bradford, England.

If you want fine ORCHIDS see our adv. under heading Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

PALMS, ETC.

Kentia Forsteriana, made-up plants, 3 in a pot, 5 to 6½-in. pots, 30 inches high, 75c each; 35 to 40 inches high, fine, $1.00 to $1.50 each. Latania borbonica, healthy plants, 5 to 6 leaves, 50c each. Cocos Weddeliana, 3-in., 15c each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Latania borbonica. We have 10,000 strong, thrifty plants in 2½ and 3-in. pots (some of which are showing character leaves), ready for immediate shift. We offer them, while they last, at $5.00 100; $45.00 1000.
Dingee & Conard Co., West Grove, Pa.

Kentia Belmoreana, clean stocky plants with several leaves, 2¼ or 2½-in., $5.00 100, $45.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Chamerops excelsa palm, strong 2-in., $4.00 per 100, by mail.
Golden State Plant and Floral Co., Santa Monica, Cal.

Kentia Belmoreana, from 50c to $5.00 each.
Wm. A. Bock, No. Cambridge, Mass.

Philadelphia-grown palms. Write.
Joseph Heacock, Wyncote, Pa.

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Giant pansies, to please your trade, $2.00 per 1000. Cash. Safely packed for southern trade. Extras. Byer Floral Co., Shippensburg, Pa.

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Pelargoniums, 25 best named varieties, as Victor, Surprise, Vibert, Countess, Vivid, Linda, Dorothy, Violet, Rose Queen, etc., 2½-in., $3.50; 3½-in., $6.00 per 100. Extra fine stock.
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Pelargoniums, mixed, 3-in. pots, $5.00 per 100; $1.00 per doz. All fine plants, Cottage stock. David N. Rehr, Lehighton, Pa.

Pelargonium rooted cuttings, 15 var., $2.25 100. Express paid. Cash.
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PETUNIAS.

Dreer's superb double petunias. For nearly 50 years we have made a specialty of double petunias, and our strain is accepted as second to none either here or in Europe. We offer 15 distinct varieties in 2¼-in. pots at 60c doz., $4.00 100, the set of 15 for 75c; 3-in. pots, 75c doz., $6.00 100, the set of 15 for $1.00.
H. A. Dreer, Philadelphia, Pa.

Petunias, rooted cuttings; single, from California Giants, one of the finest collections in California, flowers from 4 to 6 inches across; double, from Dreer's and Henderson's sets, $1.25 100. Cash, please.
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Double petunias, 2¼-in., $2.50 per 100.
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Primula obconica, fine bushy plants, in bud and flower, 4 and 5-in., to close out, $4.00 and $8.00 per 100, or will exchange some for cannas, geranium rooted cuttings, etc.
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Chinese primroses, in bud and bloom, strong plants, fine strain, 5¼-in. pots, $2.00 doz. if left to our selection, or 20c each if customer's selection. Wm. A. Bock, No. Cambridge, Mass.

Primulas. Hardy English hybrids, 4 and 4½-in.; fine plants in bud, 12 for $1.00.
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Primula Forbesii, 2¼ or 2½-in., $2.50 100, $20.00 1000; 250 at 1000 rate.
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California privet well-branched, 15 to 20-in., $1.00 100. John Monkhouse, Jewella, La.

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Byer Floral Co., Shippensburg, Pa.

Geraniums, double petunias, fuchsias and carnations, best varieties, $1.00 per 100. Cigar plants, heliotropes, ageratums, salvias and alternantheras, 60c per 100, $5.00 per 1000.
J. C. Schmidt Co., Bristol, Pa.

Rooted cuttings of fuchsias, feverfew, $1.25 100; coleus and ageratum, 60c 100; salvias and vincas, $1.00 100. Cash with order.
Ernest Harris, Delanson, N. Y.

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Crimson Rambler roses, extra, $15.00 100. H. P. roses, etc., as long as stock lasts, $10.00 100. Ulrich Brunner, American Beauty, Anne des Alpes, Gen. Jacqueminot, Gen. Washington, La France, Mabel Morrison, Magna Charta, Mrs. J. Laing, Prince C. de Rohan, Paul Neyron, Paeonia, Reine, Marie Henrietta, etc.
F. W. O. Schmitz, Prince Bay, N. Y.

Dormant rose plants, 2½-in. pots. Clothilde Soupert, Maman Cochet, White Maman Cochet, La France, Etoile de Lyon, Marechal Niel, Meteor, Helen Gould, Souv. de Mme. Pierre Notting, Ivory, Papa Gontier, Bride, Maid, Ball of Snow, $2.50 per 100; $20.00 per 1000. Cash, please.
John A. Doyle, Rose Grower, Springfield, O.

Choice H. P. roses, strong 2 year plants, grown under glass to insure thoroughly ripe wood and buds (these bloom far better than out-door roses in pots). American Beauty, crimson; La France, light red; Margaret Dickson, white; Mme. C. Wood, scarlet crimson; Jacqueminot, crimson, $2.00 doz., $15.00 100.
F. A. Baller, Bloomington, Ill.

Roses for spring blooming. C. Soupert, Jacqueminot, U. Brunner, La France, Magna Charta, Crimson Rambler, etc., fine, field-grown plants, never forced, suitable for 5-in. pots, 7c; larger, for 6-in., 12c. Crimson Rambler, XXX, long tops, 20c. W. H. Salter, Rochester, N. Y.

Rooted rose cuttings.

	100	1000		100	1000
Am. B'uty.	$3.00	$25.00	Bride	$1.50	$12.50
Liberty ...	3.00	25.00	Ivory	1.50	12.50
Bridesmaid	1.50	12.50	G. Gate ..	1.50	12.50

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Our assortment of hybrid perpetual, tea, and other roses is one of the best to be found in the country. For varieties and prices see large adv. in this issue, or write to us for catalogue.
Bobbink & Atkins, Rutherford, N. J.

Grafted roses on strong English Manetti stock. Bridesmaids, Brides, Golden Gates, Ivories, Chatenay, $12.00 100; $100.00 1000. Uncle John, La Detroit, Gen. MacArthur, $18.00 100. S. S. Pennock, Philadelphia, Pa.

ROSES, rooted cuttings, January delivery. Bride, Bridesmaid, Golden Gate, Ivory, $1.25 per 100, $10.00 per 1000. Wood selected from healthy, grafted stock. Satisfaction guaranteed. Cash or satisfactory reference.
Baur Floral Co., 20 W. 10th St., Erie, Pa.

Field-grown roses, own roots. Hybrid perpetual, hybrid teas, hardy climbers, everblooming teas, etc. Good assortment of varieties from $6.00 to $12.00 100.
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Crimson Ramblers, our own growing and on their own roots, 2 years, $12.00 100. Other roses—field-grown dormant plants; own roots and budded.
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LA DETROIT, the new pink rose, now ready for immediate delivery. Fine field-grown plants, $15.00 100; $125.00 1000.
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Hardy perpetual standard and dwarf roses, Crimson Ramblers, etc. First-class stock. Catalogue free.
Van der Weijden & Co., Boskoop, Holland.

Write for our list and prices on hybrid perpetuals, hybrid teas, teas, climbers, ramblers, etc. Leedle Floral Co., Springfield, Ohio.

Roses. Rooted cuttings of Bride, Maid and Gates, $1.25 per 100; $10.00 per 1000.
Rhoten Bros. & Co., Bx. 5, Danville, Ill.

Rooted cuttings and 2x2½-in. pots roses in all the leading varieties. Write
Geo. A. Kuhl, Pekin, Ill.

Roses. Marechal Niel, 3-in. pots, $5.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Rose plants. Get our list before buying.
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Kaiserin roses. Write for prices.
Robt. C. Pye, Nyack, N. Y.

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Manetti stocks for fall delivery.
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Ficus elastica, 6-in., 22, 25 to 30 inches high, all perfect leaves from top to bottom, $5.00 to $6.00 doz.; specimens, 7-in., extra good, 75c each.
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Rubber plants, from $6 dozen up.
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Salvias, in variety, 2¼-in., $2.00 100; $17.50 1000. Holt's mammoth sage, $2.00 100; $15.00 1000. R. Vincent, Jr. & Son, White Marsh, Md.

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Asparagus plumosus nanus	$0.60	$5.00
Cyclamen giganteum	.60	5.00
	Oz.	Trade Pkt.
Salvia Bonfire	$2.25	$0.25
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Stocks, dwarf 10 weeks	2.75	.25
Verbena, mammoth	1.00	.20
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Petunia fim. grandiflora	....	.50
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Johnson & Stokes' NEW CROP FLOWER SEEDS for early sowing. They are tested seeds of the highest quality. See display adv. in this issue for varieties and prices. Send us your name and we will send you our wholesale list for florists.
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Seed of BENTHEY'S two grand NEW ASTERS is now ready. Price: Trade pkt., $1.00; ¼ oz., $2.50; ½ oz., $4.50; 1 oz., $8.00. Write us for full information.
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Seed of our superb strain of fringed petunias; double, 500 seeds for 75c, 1000 seeds for $1.50; single, 50c per trade pkt. We have been making a specialty of petunias for nearly 50 years and our seed is unsurpassed.
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Aster seed, from the finest plants. Semple's Branching, Shell-Pink (Mary Semple), and white, 1 oz., $2.00; 2 ozs. or more, $1.50 per oz. A. W. Sampson, Penn Yan, N. Y.

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Asparagus plumosus nanus, fresh seed grown under glass, 100 seeds, 75c; 1000 seeds, $6.50.
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We are the largest wholesale and retail seed corn growers in the world; also carry a full line of flower and garden seeds. Write for our catalogue.
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Asparagus plumosus nanus seed, our own growing, just ripening, 100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $4.00.
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Asparagus plumosus nanus seed, greenhouse-grown, none of last year's seed mixed in., 75c 100 seeds, $6.50 1000.
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Irish shamrocks, strong plants, $4.00 100; 60c doz., by mail. John F. Rupp, Shiremanstown, Pa.

Irish shamrocks, strong plants, $4.00 per 100; 60c doz. by mail. S. T. Danley, Macomb, Ill.

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Smilax, 10,000 strong, bushy stock, 2½-in., $1.00 per 100; $9.00 per 1000.
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Smilax, good, heavy strings, 5 to 6 ft. long, $12.50 per 100.
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Smilax from 3 and 4-in. pots, strong, $2.00 per 100.
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Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

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	12	100
Spiraea Japonica, large clumps	$0.50	$3.75
Spiraea comn. multi., large clumps	.60	4.50
Spiraea astilboides floribunda	.75	5.00
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Cut-leaf, stag-horn sumach, large stock, 10c to 15c. Edw. Teas, Joplin, Mo.

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PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.

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Cash with order.
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Verbena rooted cuttings, 30 var., 60c 100, $5.00 1000. Express paid. Cash.
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Best mammoth verbenas, rooted cuttings, $1.00 100, $8.00 1000.
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Lemon verbenas, 2¼-in., $2.50 100, $17.50 1000. R. Vincent, Jr. & Son, White Marsh, Md.

Verbena rooted cuttings, 60c 100; $5.00 1000. Prepaid. C. Humfeld, Clay Center, Kan.

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Vinca variegata, R. C., 90c 100; $8.00 1000, prepaid. Cash. Byer Bros., Chambersburg, Pa.

Vinca variegata, 2½-in. pots, fine plants, $2.50 100. National Plant Co., Dayton, Ohio.

Rooted vinca cuttings, $1.00 per 100.
Converse Greenhouses, Webster, Mass.

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Violets, Princess of Wales, unrooted cuttings, ready now, 50c 100, $4.00 1000. Rooted cuttings, ready for delivery in March, 1905, $1.50 100, $12.00 1000. Place orders now.
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Violets, rooted runners, by mail, postpaid, Campbell, $1.00 per 100. Princess of Wales and Swanley White, $1.25 per 100.
A. B. Campbell, Cochranville, Pa.

Marie Louise violets, clean and healthy in every particular, $5.00 per 100, $45.00 per 1000. Cash with order. W. J. Chinnick, Trenton, N. J.

Violets. Unrooted cuttings of Campbell, 40c 100. G. M. Conklin, Grandville, Mich.

Violets, 2½-in. Campbell $1.50 per 100.
A. B. Campbell, Cochranville, Pa.

We make a specialty of violets. Write
Eli Cross, Grand Rapids, Mich.

MISCELLANEOUS.

Aquilegia (columbine), single mixed, 2¼-in.; Gaillardia grand., 2¼-in., plumbago, blue, white, 3-in. pots, $3.00 100. Maranta massangeana, 2¼-in., $4.00 100. Swainsona alba and rosea, 2¼-in., $2.00 100; $17.50 1000. Holt's Mammoth sage, $2.00 100; $15.00 1000. Sweet Williams, double mixed, $3.00 100.
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To Exchange—150 fine Boston ferns, from bench, for spring plants, new varieties of carnations, bulbs or what have you? Will sell the whole lot, ready for 5, 6 and 7-in. pots for $15.00 cash.
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Wanted—2000 Kaiserin roses, bench or field-grown. Submit sample and price.
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Cover your boilers and flow pipes with asbestos; makes a great saving in coal bills; reasonable first cost; easily applied; coverings last many years. Send for free catalogue. H. W. Johns-Manville Co., 100 William St., New York.

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Decorative evergreens. We can furnish on short notice southern wild smilax, magnolia foliage, long needle pine, holly, yupon, yucca, wild winter fern and gray moss. Write for catalogue and price list.
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Long gray moss for decorating. Beautiful with evergreens, always graceful and will last for months. Price: 10c per lb., F. O. B. Cash or C. O. D. Cook & Cook, Alvin, Tex.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
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Dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
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Leucothoe sprays, fancy ferns, green sheet moss, sphagnum moss, etc.
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Fancy and dagger ferns, evergreens, etc. Good stock, low prices.
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All decorative evergreens, galax, leucothoe, mosses, etc.
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Galax, ferns and leucothoe sprays are our specialties. N. Lecakes & Co., 53 W. 28th St., N. Y.

Fancy and dagger ferns, galax leaves, etc.
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Leucothoe sprays and hardy cut ferns.
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Wax flowers and wax floral designs.
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Bronze and green galax leaves, postage prepaid, 75c per 1000. Small green leaves for violets. H. H. Hill, Victoria, Macon Co., North Carolina.

Galax leaves, green and bronze, fresh gathered, $3.00 for case of 5000. Cash.
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Bronze and green galax leaves; small, 45c; medium, 50c; large, 55c per 1000.
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Green or bronze galax, select stock; also fine lot leucothoe sprays.
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Galax, bronze or green, and small green galax for violets.
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GALAX LEAVES. Bronze or green.
A. J. Fellouris, 468 Sixth Ave., New York.

GALAX LEAVES, green or bronze.
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GALAX LEAVES, green or bronze.
Crowl Fern Co., Millington, Mass.

GALAX LEAVES, green or bronze.
H. M. Robinson & Co., 11 Province St., Boston.

Galax leaves, green or bronze.
A. L. Fortunes, New Haven, Conn.

Galax, bronze and green.
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Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order to small to receive our careful attention.
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We offer some great bargains in glass. See our display adv. for sizes and prices or write us, stating size and quantity desire.
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We carry the largest stock of glass in this country. Glass for greenhouses is our specialty.
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We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Greenhouse glass exclusively.
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Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

The "Model" glazing point. Zinc. Practical. Durable.
Parker-Bruen Mfg. Co., Harrison, N. J.

Peerless glazing points are the best.
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GOLD FISH.

GLEN MARY FISH FARM.
CHAS. POMMERT, PROP.
AMELIA, O.
Devoted exclusively to the growing of GOLD FISH. 100,000 now ready. Send for price list.

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HUNT'S TYPHOON. This hose is the product of careful study which greenhouse usage has demonstrated on various kinds of materials. It is durable, heavy and yet pliable and will stand hard usage.
100 feet, 7 ply.....$14.00
200 feet, 7 ply..... 26.50
300 feet, 7 ply..... 39.00
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ANCHOR BRAND of greenhouse hose is THE hose for florists.
Mineralized Rubber Co., 18 Cliff St., New York.

Bulldog 7-ply hose, fully guaranteed, 16c ft.
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Good hose. J. G. & A. Esler, Saddle River, N. J.

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A 5-lb. trial package of our TOBACCO POWDER will cost you nothing if you will pay the express charges on it. Write Department D for it. H. A. Stoothoff Co., 116 West St., N. Y.

To-bak-ine is the most effective insecticide on the market. Write for our "Words of Wisdom." It is free.
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Rose Leaf Extract of Tobacco. For pamphlet write to Kentucky Tobacco Product Co., Louisville, Ky.

NICOTICIDE kills all greenhouse pests.
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Orchid peat and leaf mold always on hand.
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Pittsburg Plate Glass Co., Pittsburg, Pa.

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Cypress and oak tubs. We manufacture all sizes. Write for prices.
Bobbink & Atkins, Nurserymen and Florists, Rutherford, N. J.

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Kramer's pot hangers. Neat, simple, practical. Write.
I. N. Kramer & Son, Cedar Rapids, Iowa.

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Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts. N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Standard Pots. Catalogues and price lists furnished on application.
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Colesburg Pottery Co., Colesburg, Iowa.

RED POTS. Standard pots at bottom figures.
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Tin Foil—Plain, fancy, printed and mounted.
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John J. Crooke Co., 155 Ave. D, N. Y.

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Tobacco stems, 60c per 100 lbs. in bales of 200 to 250 lbs. Special price on car lots.
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Fresh tobacco stems, bale of 300 lbs., $1.50.
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Tobacco stems.
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TOOTHPICKS.

Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
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WIRE SUPPORTS.

Thaden's wire tendrils and twin stakes for carnations, roses, etc.
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Model Extension carnation supports; also galvanized rose stakes and tying tires.
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Model Extension carnation supports.
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We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
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Emil Steffens, Manufacturer of Florists' Wire Designs, 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York.
Manufacturers of Wire Designs.

Wire work of all kinds. Write me.
Wm. Murphy, Wholesale Florist, Cincinnati, O.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

SWEET PEAS.

Can some brother florist tell us something about Earliest of All sweet pea? We have never grown it before and planted it quite heavily this fall. Some of the vines are six feet high and are coming into bloom, but the trouble is the stems are only three to four inches long. Would they do better if we feed them or will they come better later on? We thought of sowing seed of Blanche Ferry among the vines, so that if the Earliest of All did not improve we could cut them out and have the Blanche Ferry to take their place. Can it be done that way? The temperature is 48 to 50 degrees at night, 60 to 65 degrees in the day time. A. B. C.

This is the chief trouble with this pea and it rarely, even under the best conditions, reaches more than six inches in stem. However, after the first blooms are cut the later blooms reach out a little more. Feeding liquid is essential to good quality in bloom and will likely also help the stems. I have had best success by raising the temperature to 54 degrees at night after the buds begin to appear.

It is not good policy to sow Blanche Ferry among the older crop. Sow them in small pots and transplant when ready after preparing the bench or border, and success is assured. R.

SOILS.

I send five samples of soil. Please tell me through the REVIEW what you think of each for growing roses and carnations. Samples Nos. 1 and 5 are from beds of Bride, one sample from where the plants all took sick and died, the other from where they are doing better, but are rather weak in growth and stem. Sample No. 2 is from a Beauty bed. I also

grow carnations in the same soil, but use less manure. Samples Nos. 4 and 5 are from pasture lands in the outskirts of the city where I can get soil from greenhouses by buying the land at the rate of $500 per acre. S. S. B.

Sample No. 1 is a very poor soil and unsuited for either roses or carnations. Sample No. 2 is also poor. Sample No. 3 is a real good soil for either purpose and if composted properly, and about one-fifth of decomposed cow manure added, is capable of producing high grade stock. No. 4 is also a good soil, though not nearly so good as No. 3. No. 5 is a very poor soil and not worthy of being used for any greenhouse purpose except possibly to make walks with. I am satisfied that if you use No. 3 and handle your stock skillfully you will have no reason to complain of weak growth. R.

CATALOGUES RECEIVED.

H. F. Michell Co., Philadelphia, seeds, novelties and requisites; Huntington & Page, Indianapolis, seeds; Chicago Carnation Co., Joliet, Ill., rooted cuttings; Lockland Lumber Co., Lockland, O., details of greenhouse construction; W. Atlee Burpee & Co., Philadelphia, seeds; Elmhurst Nursery, Argentine, Kan., nursery stock and greenhouse plants.

Calendars Received.

From the Leo Niessen Co., Philadelphia; M. G. Madsen Seed Co., Manitowoc, Wis.; Geo. E. Dickinson, New York.

DUNNVILLE, ONT.

Christmas trade in this locality was away above the average especially in the line of cut flowers. While the dull weather made the cut of carnations a little light, yet prices were good and all sold out clean. Roses were of extra fine quality and sold well. Potted plants were not in as large a demand as last season, but cut flowers were ahead. It is safe to say this Christmas was 100 per cent ahead of 1903.

L. H. Weaver, has just finished putting down a gas well and has a very fair flow, plenty to heat about 15,000 square feet of glass.

PIPE FOR RADIATION.

Please tell us the best kind of pipe for use in heating greenhouses, galvanized or black pipe. H. A. F.

Galvanized pipe is seldom if ever used for heating purposes. It is more expensive than black pipe, which is a point in favor of black pipe. In addition to this the coating of tin and lead used in galvanizing the pipe acts the same as a coat of paint or as any other covering to cut down the heating power of the pipe. The black pipe will give off more heat per unit of area than will the galvanized pipe, and for that reason, if for no other, its use would be preferable. L. C. C.

IONIA, MICH.

C. B. Derthick, of the Ionia Pottery Co., died very suddenly December 23, of paralysis. He was a member of the Society of American Florists and a regular attendant at the conventions. Mr. Derthick was 49 years of age and prominent in the affairs of his town. He leaves a widow and one daughter.

GERANIUMS Good strong stocky plants from 2¼-in. pots.

DOUBLES—Bruanti, Comtess de Harcourt, La Favorite, Miss F. Perkins, Miss Kendell, Mme. Charrott, Mme. Barney, Mme. Buchner, Mme. Canovas, S. A. Nutt, 40c per doz., $2.00 per 100, $20.00 per 1000. Centaure, Double Genl. Grant, Gloire de France, Jean Viaud, Le Cid, Mme. Landry, 40c per doz., $2.00 per 100, $17.50 per 1000.

SINGLES—Granville, L'Auba, Queen of the West, Single General Grant, 40c per doz., $2.00 per 100, $17.50 per 1000.

Special price for this week. Not less than 250 of any one variety of the following; $15.00 per 1000; 6000 for $100.00: Double General Grant, Gloire de France, Jean Viaud, Mme. Landry, Granville, and Queen of the West.

We have 150,000 in fine shape, ready to send out. A cordial invitation is extended to our customers, and the trade in general, to visit us and inspect our place.

Send for our descriptive Geranium Catalogue.

Greenhouse Plants 2¼ in stock; not less than 5 of any one variety sold.

	Per 100	1000
Ageratums, dwarf white and Stella Gurney, 40c per doz	$2.00	
Alternanthera, red and yellow, in variety	2.00	$15.00
Alternanthera, rooted cutting	.60	5.00
Alyssum, dwarf and giant double, 40c per doz	2.00	
Aquilegia(Columbine), single mix'd.	3.00	
Coleus, good varieties	2.00	15 00
Gaillardia Grandiflora	3.00	
Hardy English Ivy	2.00	15.00
Heliotrope, good varieties	2.00	
Hibiscus, 3 varieties	3.00	
Hollyhock, double white and mixed, 3 in. pots	3.00	
Holt's Mammoth Sage	2.00	15.00
Lemon Verbena	2.50	17.50
Lantanas, 10 varieties	$2.00	$17.50
Maranta Massangeana	4.00	
Moonvines, white and blue, 50c doz.	3.00	
Rose, Marechal Niel, 3 in. pots	5.00	
Salvia, in variety	2.00	17.50
Smilax, strong	2.00	15.00
Swainsona Alba and Rosea	2.00	17.50
Sweet William, double mixed	3.00	

Write us for special price on large lots of anything in this list.

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Good selection of standard varieties, $5.00 per 100; $40.00 per 1000. Mixed $4.00 per 100: $35.00 per 1000. Send for list.

CASH WITH ORDER.

R. Vincent, Jr. & Son, White Marsh, Md.

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Dahlias, Awarded 10 Gold Medals in 1903 and 12 Gold Medals in 1904. **Pot Roots,** Awarded the Silver Medal by the International Jury at the St. Louis Exposition.

POT ROOTS FOR SHIPMENT AT ONCE Every section, including the popular CACTUS DAHLIAS at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 per 100. These are post free terms. Note this when comparing prices. **Terms cash with order.**

TEMPTING BARGAINS Those who prefer to have their goods through a forwarding house instead of by parcel post can be supplied in every section, including Cactus at $4.00, $5.00 and $6.00 per 100 in 25 sorts.

12 SEEDLING CACTUS DAHLIAS All 1903 sorts and certificated by the Dahlia Societies in England; post free for $2 50; Albion, Etna, Eva, Iceberg, John Gilpin, Mabel Tullock, Winsome, Amos Perry, Fred Cobbold, F. H. Chapman, Loogalu and Red Cap.

1904 SEEDLING CACTUS DAHLIAS A rare opportunity; only a few to offer at $1.25 each, post free in quantities of not less than 4 sorts. Dainty, Dorothy Vernon, Effective, Northern Star, Sweet Nell., Yellow Gem, F. M. Stredwick, Mrs. Brousson, Mrs. Wilkinson, Oliver Twist, Hereward, Comet, Osprey, Sirius and Rainbow. One each of these 16 novelties post free for $16.00. **Terms cash with order.**

HOBBIES LIMITED Catalogue free of charge. NORFOLK NURSERIES **DEREHAM, ENG.**

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10,000....$1.50; 50,000... $6.25. Sample free.

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A. F. BARBE.

New London, Conn.—**No, all flower growers are not liars.** Your **Fumigating Kind Tobacco Powder** fills the bill. Clean, quick and efficacious. No dirty tobacco stems to litter up the paths and taint the carnation flowers with an offensive odor that never leaves them.
E. W. CLARK.

New Castle, Pa.—Duplicating so often the past two years our order for **The Fumigating Kind Tobacco Powder** is a sure indication that it has no equal in our estimation. As an effective insecticide it does the work well.
BUTZ BROS.

Richmond, Ind.
We have found your **Fumigating Kind Tobacco Powder** excellent. Very effective in its work.
THE E. G. HILL CO.

A FREE trial five-pound bag will cost you nothing more than the express charges on it. The trial bag will prove our assertion that it is the most effective, cleanest and quickest as well as the cheapest (10 cents per 100-foot house) article to fumigate with. All aphis killed in one night—our booklet tells of it; we mail one on request.

THE H. A. STOOTHOFF COMPANY, Tobacco Powder Hobbyists, 116, 117, 118 West St., New York.

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PITTSBURG.

The Market.

Trade has been somewhat quiet since Christmas, excepting a few large decorations, until Saturday when we had an unusually good New Year's business, not large orders, but evidently just enough prosperity to allow almost everyone to have a few flowers on his table for New Year's. The weather was exceptionally fine Saturday, being almost like a spring day which allowed everyone to get out and this probably accounted for the extra trade. Few of the stores had made preparations for the extra run but they got all the stock they wanted, as we now have three wholesalers and it is always possible to raise something among them.

Various Notes.

The new conservatories donated to the western penitentiary were opened last Saturday. After marching the 900 prisoners through them they returned to the chapel where there were about fifty visitors, including Wm. Falconer. The prisoners take great interest in the conservatories and are pleased and thankful to the donor, Henry Phipps, for helping them to some of the good and beautiful things of the outside world.

Wm. Cromack, of Irwin, will move his greenhouses from their present location one mile east and add two new ones.

J. W. Elliott, president of the Elliott Nursery Co., has purchased and moved into a new home in Sewickley.

Hoo-Hoo.

SALEM, ILL.—Miss Jennie Spencer says she had a very satisfactory year in 1904, with the outlook even better for 1905. She does a big business in spring bedding plants.

Pumping Engines
FOR
Florists and Gardeners
They use gas or gasoline for fuel.
THE STANDARD PUMP AND ENGINE CO.,
CLEVELAND, - OHIO.



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KRAMER'S POT HANGERS.



Neatest, simplest, most convenient and only practical device for converting ordinary flower pots into hanging baskets. They fit all standard made pots from 2 to 10 inches in diameter. The illustration shows how they are attached. Just the thing for hanging up Ferns, Begonias, etc. You can make room and money by their use. Try them.

Price with wire chain, as shown in cut, $1.00 per dozen by express. Sample dozen by mail, $1.25.

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For Sale by WHOLESALE SEEDS MEN, FLORISTS and SUPPLY DEALERS.

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New Roof Construction, Automatic Stokers, Water Tube Steam Boiler, Automatic and Hand Ventilators.
NORTH TONAWANDA, N. Y.
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GREENHOUSE GLASS.
French and American.
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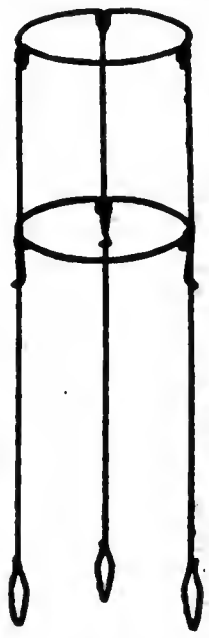
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Never Rust
Glazing Points
ARE POSITIVELY THE BEST. LAST FOREVER. Over 16,000 pounds now in use. A sure preventive of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes, ⅝ and ⅞, 40c per lb.; by mail 16c extra; 7 lbs. for $2.50; 15 lbs. for $5.00 by express. For sale by the trade.
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Made with two or three circles. Prompt shipment guaranteed. Pat. July 27, 1897; May 17, 1898. Write for prices and circulars.

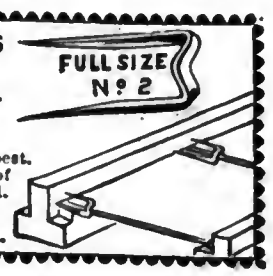
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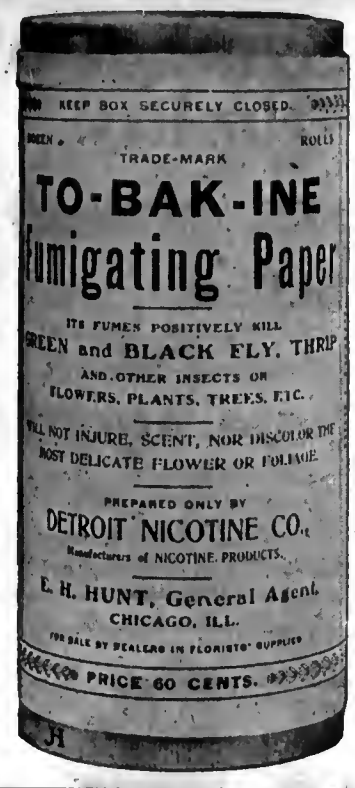


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PEERLESS
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INDORSED BY THE GOVERNMENT.

INTERSTATE COMMERCE COMMISSION.
Office of the Secretary.

EDWARD A. MOSELEY, Secretary. WASHINGTON, D. C., Sept. 21, 1904.

E. H. HUNT, Chicago. Dear Sir:—Please send me a sufficient amount of your product, **To-Bak-Ine,** to fumigate four times a carnation house 22 x 100 feet. I want the same as that sent the **Department of Agriculture** some time ago, which was **Fumigating Paper.** My friends there **speak of it in the very highest terms.** I want it at once, please. Very truly yours, EDWARD A. MOSELEY.

A. F. J. BAUR says:—"For fumigating carnation houses in full crop, To-Bak-Ine Fumigating Paper is the finest thing we have ever come across; no fading of blooms; no odor left."

1 BOX (12 rolls), 60c. **1 CASE (144 rolls), $6.50.**

Send for our booklet "WORDS OF WISDOM" by leading Growers, containing full directions as to exterminating all greenhouse pests.

E. H. HUNT, 76-78 Wabash Ave., **Chicago, Ill.**

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60c per 100 lbs.
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Write for special prices on carload lots.

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Can be used with either Hard or Soft Coal.

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High-Grade BOILERS

Get our Catalogue **For GREENHOUSES**
STEAM AND HOT WATER.

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THE REGAN PRINTING HOUSE

Large Runs of

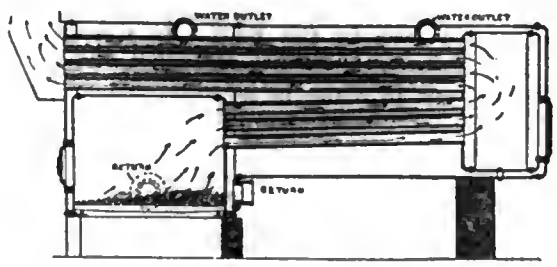
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Read what our customers say about them:



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"Superior to any Hot Water Boiler we have ever used. You certainly have placed the right name to your Boilers; no effort at all to keep the temperature at desired points when zero weather comes. Night after night the past severe winter weather gave your Boiler a good test. We are more than pleased with the Superior Boiler." Yours truly, TREANOR & RETTIC.

Send for Catalogue and Price List.
Made only by the
SUPERIOR MACHINE & BOILER WORKS
129 to 133 W. Superior Street, - CHICAGO
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Our registered Trade-Mark covering **THE CELEBRATED C. C. B. POCAHONTAS SMOKELESS COAL** corresponds to the Sterling Stamp on silver, as the United States Geological Survey has made it **The Standard for grading all Steam Fuel.**

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Is the only American Coal that has been officially indorsed by the Governments of Great Britain, Germany and Austria, and is the favorite fuel with the United States Navy, which has used it almost exclusively for many years. **Unequalled for the Generation of Steam and Domestic Purposes.**

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European Agts.—Hull, Blyth & Company, 4 Fenchurch Ave., London, E. C., Eng.

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AMERICAN CARNATION SOCIETY.

Department of Registration.

Baur & Smith, Indianapolis, register: Beatrice; this might be called a light pink Dorothy except that the blooms come much larger; habit of growth, length of stem and form of flower resemble that variety closely; the color is a beautiful shade of Daybreak pink, a full shade lighter than that variety; strong growth and never bursts. Flambeau, large round blooms on strong stems; strong growth and free bloomer; stands hot weather best of any scarlet we have ever grown; color a shade deeper than Crane.

Parties having new carnations should submit the name intended for use to the Carnation Society before having it printed in any shape, so as to avoid duplication as far as practical.

ALBERT M. HERR, Sec'y.

Plans for entertaining the members of the Carnation Society at Chicago January 25 and 26, are well under way. P. J. Hauswirth has kindly consented to act as exhibition manager. The exhibition should eclipse all previous ones of the American Carnation Society.

Chicago had the convention seven years ago, but since that time that city has increased its plantings of carnations to over a million plants, so that our first exhibition is really a baby in comparison to the coming one. Joliet did not grow a carnation at that time; neither did Bassett & Washburn, Peter Reinberg or Weiland & Risch, all of whom are now large exhibitors. Joliet alone sent 7,000 blooms to last year's show at Detroit. I estimate the number of blooms that will be staged at Chicago at 20,000, a sight that will be well worth coming a long way to see. In fact, no grower of carnations can afford to stay away. Everyone, big or little, will find it a very profitable trip. One can see for himself all the new varieties, take notes and decide which ones he wants to grow for his own particular trade.

No doubt there will be many new exhibitors who will be warmly welcomed into the fold. If you have some of the standard varieties in good shape, bring them along and compare them with the best in the land. If you have a flower or a few flowers of a seedling or a sport, bring them along also, even though you have not enough to enter in a class; you can get the opinion of the best growers as to their value.

Are you a member of the society? If not you should be; $2 sent to the secretary, Albert M. Herr, Lancaster, Pa., will do the business. A small item, surely, for the benefits received. Don't put it off but send your name and address with $2 enclosed at once.

The exhibition takes place in the large banquet hall of the Auditorium, Chicago. An ideal place, overlooking Lake Michigan. The banquet will be held in the same building. You can also secure rooms there; therefore, if the weather should be inclement, it will not be necessary to go outside for anything during the two days.

Many visitors will want to stay a day or two longer to see the larger establishments they have read about or seen pictures of. That you will receive a cordial welcome from all and be well taken care of is a foregone conclusion.

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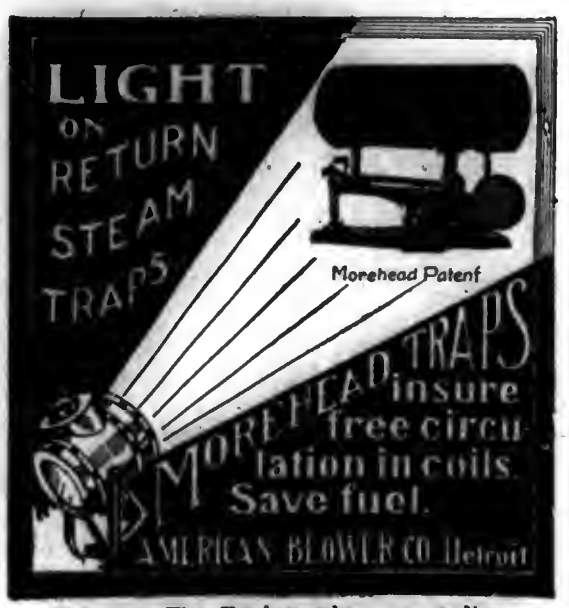
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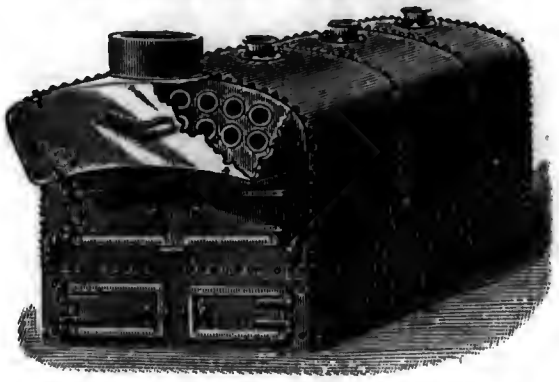
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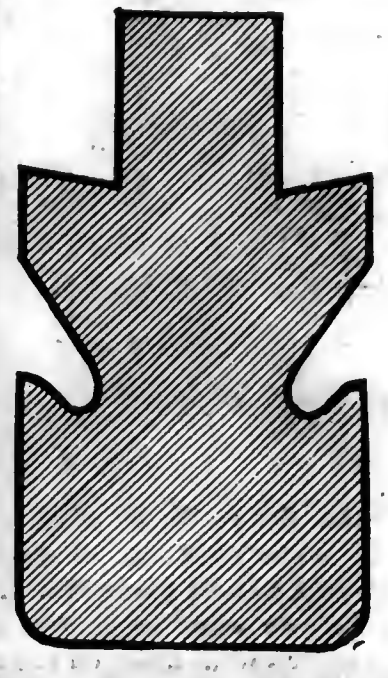
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Vol. XV. CHICAGO AND NEW YORK, JANUARY 12, 1905. No. 372.

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Two Best White Carnations { LADY BOUNTIFUL, $6.00 per 100; $50.00 per 1000
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JEANNIE NONIN, (Thanksgiving White), the Queen of the 'Mum family.
DR. GALLOWAY, fine mid-season white.
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All at 50c each; $5.00 per doz.; $35.00 per 100.

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New White Seedling Carnation, Delivery 1905

Pedigree. White seedlings for several generations.
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Just the color of the Christmas Holly Berry. An easy doer; anybody can grow it. Having already entered orders for 100,000 cuttings for delivery season of 1906, we are still booking orders subject to buyer's cancellation if dissatisfied with variety at any time up to Dec. 1, 1905.

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8th. Has as delicious a fragrance as American Beauty.

Was awarded the silver cup at the World's Fair for best seedling rose and a special silver cup at Chicago for best seedling. Prices, own root—100 plants for $30; 250 for $70; 1000 for $250. 500 at 1000 rate.

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OUR PINK SEEDLING from Mme. Chatenay is unapproached in color; the bud is pointed, quite full, borne on long slender stems, beautifully set with foliage, free in growth and bloom; the flower is very beautiful from its earliest bud form till fully expanded. Was awarded certificate of merit at the Chicago Show; $25 00 per 100, $200 per 1000. **Both these Varieties are easy to propagate and easy to grow. Come and see them at home.**

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CHRYSANTHEMUMS

Among the new varieties which we had on trial for this year are some magnificent sorts, nine of which have been awarded certificates, viz.: **Clementine Touset**, the big early white Chadwick, October 8; **Dr. Galloway**, mid-season incurving white; **Mlle. Jeannie Nonin**, very late white, winner of the Sweepstakes and Silver Cup at Chicago as best New Mum of the year. These three sorts are marvelously fine commercial varieties in pure white, NONIN probably ranking as the finest Mum extant, regardless of date of blooming. Besides these are: **Reveil de Begles**, early commercial yellow; **Roi d' Italie**, early commercial yellow; **Anna Debono, Mme. E. Lemoine, Prefet Boncourt, Souv. d' Calvat Pere**, four grand exhibition whites. Besides these we have: **The Wells-Pockett Set** for 1905; **The Australians** of the year; **The Marquis of Pins Set, M Calvat's Fine Sorts**, the best of **Nonin's, Bruant's** and **Rozain's.**

All at 50c each; $5.00 per doz.; $35.00 per 100, except Mrs. Wm. Duckham, which is 75c each; $7.50 per doz.; $50.00 per 100

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THREE OF OUR SEEDLING CARNATIONS

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A seedling from Flora Hill and White Cloud. We have been growing this variety the past four years, and now it is our main cut flower white. The blooms are nicely rounded and deeply serrated, which gives it a beautiful, feathery appearance when in a bunch. As good in hot weather as F. Hill, and a fine winter bloomer, retaining its round form throughout the season and does not burst. An all the year round white. Blooms fine in the field in summer. A splendid keeper and pure white. Size 2½ to 3 inches.

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Flora Hill x Jubilee. No scarlet up to date stands hot weather like this variety, owing to its F. Hill blood. A good, strong grower and steady bloomer. Color a shade lighter than Jubilee. Round form and slightly serrated, and a fine keeper. A strictly commercial scarlet of great promise.

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Both this season and last, these varieties have been our main varieties for cut blooms in their respective colors, and they have sold up clean when others had to be sacrificed. All three were awarded Certificates of Merit on November 15, 1904, by the State Society of Indiana Florists. We are booking orders for February delivery. January delivery all sold. Get your order in at once.

$10.00 per 100; $80.00 per 1000. Will send you 100 of each of these three for $24.00.

We also have a fine stock of Indianapolis, Lady Bountiful, The Belle, Moonlight, The Bride, Vesper, Flamingo, Crusader, Daheim Marion Beauty and New Daybreak, at **$5.00 per 100; $45.00 per 1000.**

Also Lorna, Queen Louise, Her Majesty, Innocence, Flora Hill, Mrs. Thos. Lawson, Floriana, Ethel Crocker, Enchantress, G. H. Crane, and Harlowarden.

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Brings Highest Price of Any Variety on the Chicago Market.



THE CARDINAL as Grown by the Chicago Carnation Co. Photographed December 20, 1904.

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You are cordially invited to come and see it growing.

Won first prize for best 100 scarlet, Detroit meeting, March, 1904. Also the S. A. F. Medal and A. C. S. Certificate.

January cuttings all sold. Place your order NOW for February 1st delivery.

Strong Cuttings well rooted, per 100, $12.00; per 1000, $100.00. 250 at 1000 rate.

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" " " dbl., " $1.00
Salvia Bonfire, trade pkt., 25c; oz., $2.25.
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Stocks, Dwarf, 10 weeks, td. pkt., 25c; oz., $2.75.
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Japan **Peonies** herbaceous, choicest sorts.
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GLADIOLI—The Bride.
" —**May**, white and rose.
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THE HISTORY AND CULTURE OF

GRAFTED ROSES FOR FORCING

BY ALEXANDER MONTGOMERY, JR.,
WABAN ROSE CONSERVATORIES, NATICK, MASS.

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Cultural Methods.

Presuming that I may have inspired in some at least a desire to make a trial of grafted roses, I will take up the details of making the grafts and the subsequent handling of the plants. The process of making the grafts will be given in considerable detail, as it is the basis for success, the after care of the grafted and own-root plants differing in but few particulars. To begin at the beginning:

Procuring the Stocks.

As the best stocks at present come from Britain, I should advise giving an order to some reliable nurseryman. This should be done during the summer preceding the fall when the stocks are to be delivered. The next thing to do is to keep posted on the exact date of the shipment and arrival of the same, and if one cannot be around personally to see that they are rushed through the custom house, this important work should be intrusted to a broker in whom one may have confidence, with instructions to see that the shipment is delivered as quickly as possible after arrival. I have no doubt but that many thousands of stocks have been ruined beyond recovery by being left lying carelessly around warehouses in boxes with covers off, exposed to drying winds, thus allowing them to shrivel up long before they reach the grower. In the cases of small growers living in the same section, it would seem to be advisable to club together and have their separate orders sent as one large shipment. This would undoubtedly cheapen the cost of shipment as well as facilitate the delivery of the goods.

It must not be understood, however, that early lifted stocks, as a rule, are recommended, for nothing will give the grower more trouble than a lot of green Manetti that have been shipped before they were thoroughly ripened. They will almost certainly shrivel up and no amount of care that is bestowed on them will be able to prevent this. Generally speaking, it will be after the middle of December before first-class Manetti can reach this country from Britain.

Heel in at Once.

On the arrival of the stocks, if they have been properly packed, the bundles will be slightly moist and the stocks should appear fresh and plump. Now right here is the very place where many beginners have made great failures, and straightway blamed their dealers for sending poor stuff. There may be, and undoubtedly are, many excellent ways of handling Manetti at this particular stage, but the one I mention has given very satisfactory results and beginners would do well to follow it. All packing or covering should be removed from the bundles and the stocks immediately plunged in trenches in soil to two-thirds of their depth and given a thorough watering, taking care to wash the soil well in about the roots. It is not necessary to plunge the stocks separately; they will do just as well in bundles, if all covering is taken off.



Bundle of Manetti Stocks as Received from Europe.

Potting Up.

In from four or five days to a week they will be ready for potting, but if they are kept cool, and about 40 degrees is right, there need be no hurry about the matter as they ought to keep in this condition for at least a month; and if two or three batches are potted each week they will come along in about the right quantity for grafting.

If the stocks are allowed to remain in the trenches until they have just started to make white rootlets they will generally take root more quickly when potted. Two and one-half inch pots are the proper size to use and, indeed, if the stocks are properly rooted this size will be found quite small enough, for it must be remembered we expect to have a good-sized plant on the stock before it is ready for a shift to a 3½-inch pot. Pot good and firm, firmer than you would rooted cuttings; water thoroughly and place in a house with a temperature of 45 degrees at night to 50 degrees in the day. Do not water again until you are absolutely certain they need it, or, I might better say, so long as the soil remains moist they will require no water at the roots. Dampen the stems of the stocks three or four

times a day, according to the weather, using a fine spray so that the pots may not become soaked.

The Grafting Case.

Now, while waiting for the Manetti to root, it is time to get a grafting case ready and, although this need not be an elaborate affair, there are a few things that are very necessary. The case must be tight; this is the first and, I consider, the most important item. It ought to have bottom heat so that an even temperature of 75 degrees can be maintained day and night. We have had experience with all temperatures from 90 degrees down to 75 degrees and have come to the conclusion that 75 degrees is right.

The grafting case should have a fair amount of light. A rose house is a good place for a case during January and February grafting, but it must be shaded from the strong sun during the middle of the day, with some thin material that will not shut out all the light; newspapers are very satisfactory for a man who doesn't wish to waste money. A north propagating house can be used with good results during March, when rose houses are becoming too hot for the best work.

In regard to size, this is not so important. We have done good work with a case seven feet wide, two feet high in the middle, even span, one sash on each side, hinged at the top; also in a small case three feet wide, one sash, eighteen inches high at the back and twelve inches at the front. These I should say would be the extremes in size. Anything between would serve the purpose very well, but my preference would be for six inches to a foot of head room over the stocks when grafted.

Of course there are many notions and frills which may be added to suit the fancy of the builder, but I shall repeat the necessary points: First, have the case tight, not pretty tight nor anything but very tight. Second, have bottom heat and, third, have direct light. Put in two or three inches of coal ashes or sand, pound firmly and wet thoroughly, for this, it must be remembered, is where the necessary moisture is coming from for the first few days. If all instructions have been carried out everything should now be ready for the operation of grafting.

(To be continued)



Showing the Root System of the Manetti Stock.

ROSES.

Care in Propagating.

The care of the propagating house should now be one of the most important duties because from the quality of the stock raised in this house depends the success of the crops, and any carelessness, neglect or unskilled treatment accorded to the stock at this stage will be reflected during the after life of the plant.

Many of the ills which trouble the plants during the winter months are contracted while they are yet cuttings in the bench and though they may seemingly recover from the checks received there by the good treatment given them while in pots and after being benched, the fact must never be forgotten that this check reduced the vitality at the time when vigor was most required to lay the foundation of a good root action.

To avoid extreme and sudden fluctuations of temperature in the propagating house requires unceasing care, especially where the house is low and the benches raised so as to be near the glass. as the cold air from the outside is apt to fall on the cuttings before being modified by the temperature of the house.

It can be readily seen that with the temperature of the sand at 62 degrees and a house temperature 10 degrees lower, where the house is small great care must be taken to keep a steady temperature and that it is liable to either a sudden raise or fall at short notice.

The question of moisture also requires careful consideration and the grower has to be guided by the weather. It is, however, a wise plan to keep on the safe side by having plenty of moisture and if the sand in the benches does not require moistening every day during the dark weather the paths can be moistened frequently, thus securing a sufficiency to preserve the leaves in good condition until root formation has progressed far enough to give the supply.

Shading should be attended to in order to prevent any wilting of the foliage, as the leaves being so much softer after a prolonged spell of dark, cloudy weather, are more liable to suffer when they are exposed to a sudden burst of sunshine.

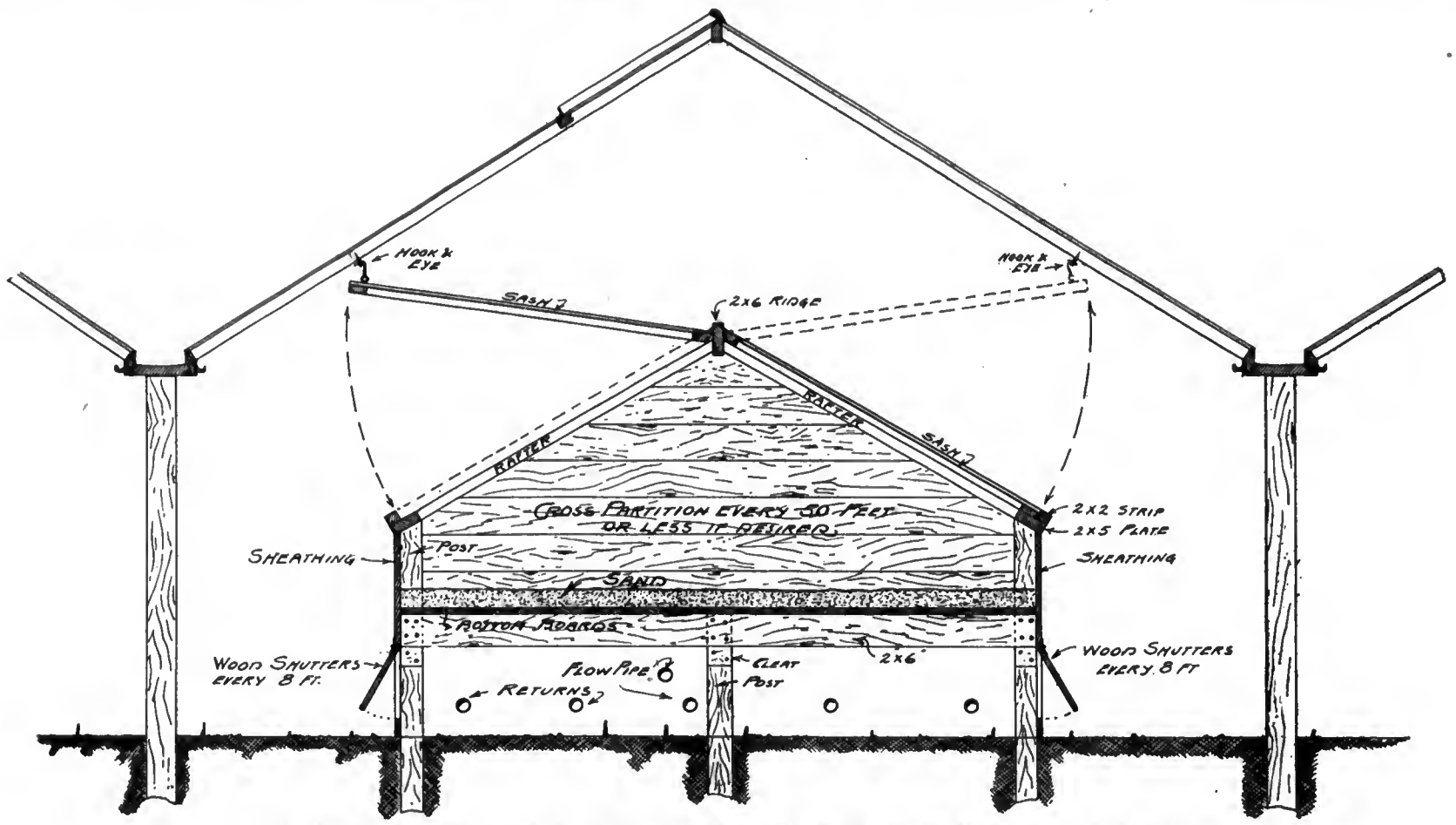
Have a supply of soil in good condition, so that the young plants may receive no check by being potted in cold, wet soil. The soil for first potting should be as near the temperature of the sand in the cutting bench as possible so that the tender young rootlets may be neither chilled nor scorched.

The temperature of the potting shed should also be a matter of consideration as exposure to a high dry temperature is just as fatal to these tender members as exposure to too low a temperature, and of course too long an exposure to even the right temperature is equally fatal.

RIBES.

EEL WORMS.

We are sending you two sample rose plants, Bridesmaids, from two houses on our place, with soil for examination, also a separate package of black sod soil which we could secure if it is better than the clay soil we have used, sample of which you will see about the roots of the two plants. The plant from No. 12 was planted from healtny young stock May 11, our own propagation. The one marked No. 14, planted May 16, 2½-inch stock bought and shifted once, to 3-inch, before it was benched. The plants were watered carefully by experienced growers who have hitherto had success with roses. They made a nice summer growth, were run at 58 degrees at night after cool



The More Elaborate Type of Grafting Case, Used by Bassett & Washburn, Hinsdale, Ill.
(From a drawing by the John C. Moninger Co., Chicago.)

weather began, and 65 to 70 degrees in the daytime. In August they had a dose of mildew, which spread through six continuous houses, the worst affected house being a house of Brides planted with grafted stock. They were without fires several nights in August and July, when it was needed. We began firing the middle of August. They were given close care to eradicate the mildew, but it held on more stubbornly than we have ever had it do before. Again in October the plants made a nice growth. About the last of October they began to go back, dropping their leaves badly, and looking very bad. Ever since the blooms have been off color, the foliage a bad color, and absolutely no growth from the base anywhere in the houses; almost none at the top. We have held them on the dry side during this illness and tried to get them to a point where they would stand watering freely, but have hardly got them to budge. They seem to stand stock still. They have never been overwatered, never had a severe chilling, as a registering thermometer has been used and we have a careful night fireman. Steam heat is used. The growers cannot satisfy themselves what is the matter, or what the treatment ought to be, as we have other houses in the same kind of soil and under the same growers doing well. Please give us your ideas of the trouble, and the best course to pursue. G. & S.

The samples of soil are all of good quality and capable of raising high grade roses. The soil from house No. 12 is a fairly good soil though not quite so rich and suited for roses as that from No. 14, which is a most excellent soil and as near the rose growers' ideal as possible, and much superior to the sample of black prairie soil in the package.

The trouble with these roses is, I am sorry to state, one of the worst that can befall them. They are infested with that much dreaded scourge, eel worm, which when it has once obtained a good foothold is one of the worst troubles known to the grower, because there is no remedy which can be applied without destroying the plants and because it rarely manifests itself until the season is too far advanced to allow of the only remedy being administered with profit, and that is to throw out all the plants and soil, cleanse the house and replant with fresh, vigorous stock.

This nematode is found everywhere, in salt and fresh water, in damp earth and moss and among decaying substances and is always present in rose soils. They are always minute and require a microscope of high power to detect them. Their mode of attacking the rose plant is to encyst themselves in the fibre of the small feeding roots. Around these small cysts tubercles form which sometimes grow as large as a grain of barley but are often very much smaller. If these are opened they will be found to contain from one to five small worms, which much resemble eels, hence the name. They are too minute to be detected by the ordinary naked eye but the tubercles can be seen if the soil is carefully washed off the roots.

Like many other lower forms of animal life they are capable of retaining their vitality for a long period, even under the most seeming adverse conditions, which accounts for their wide distribution. Like most other pests they are more liable to confine their ravages to those plants in which the vitality is low, and seldom, if ever, attack a house of well handled, vigorous stock. The fact that these roses were reduced in vitality by the severe and long continued attack of mildew may in a measure account for this and possibly the stock may not have been very vigorous at the start.

It would be unwise to propagate from such stock, as the vitality is low and any young stock from them would be liable to fall a prey to this or any other trouble during the short days when root action would be sluggish. RIBES.

AZALEA MOLLIS.

Please give the treatment required in the growing of Azalea mollis to have it in bloom at Easter. I have not grown it before. W. W.

These plants as soon as received should have the balls thoroughly soaked and, after allowing them to drip, they should be potted in any good garden soil. They should then be put into a cool pit or frame and protected from severe frost. To have them in bloom at Easter they should be brought into the house and for the first two weeks be exposed to a temperature of about 50 degrees. When they begin to show signs of moving the temperature should be gradually raised till it reaches 55 degrees. They require usually six or seven weeks of this treatment to bring them into bloom. R.

TOWN WANTS A FLORIST.

The Commercial Club of Larned, Kan., is promoting an effort to build a commercial greenhouse to grow plants and cut flowers and would be glad to get a good florist, who has some money, to come and take charge of the building and run in for all there is in it. This is a splendid location, not a greenhouse nearer than seventy miles, a number of flourishing towns near and demand constantly increasing. I only have a small greenhouse and do not care to bother with it. I will give all needed information to anyone who writes to me.

TYRA MONTGOMERY,
Box 186, Larned, Kan.

PANSIES.

Please tell us how to make pansies bloom and bear flowers on long stems; heat, soil, water, care, etc. C. S. T.

To secure a crop of pansy blooms in the greenhouse during the winter months, the seed should be sown early in August and should be shaded until the plants are showing the character leaf. As soon as

the plants are large enough to bear handling they should be transplanted into a cold frame, giving each plant at least three inches of space. Before the frost has had a chance to give them a check they should be transplanted into a bench having three inches of a light, sandy soil which should be enriched with decomposed manure in the proportion of one of manure to four of soil.

As the pansy is a water-loving plant, good drainage must be provided to prevent the soil from becoming sodden, as this will certainly ruin the crop. The pansy, being a native of northern Europe, requires a low temperature and does best at 45 degrees at night. During bright sunshine the temperature may be allowed to run up to 60 degrees but this must be accompanied by plenty of ventilation. By giving them a place on the bench where they will have a maximum of sunlight and taking care that they never suffer from want of water, a good crop can be had, even during the darkest weather.

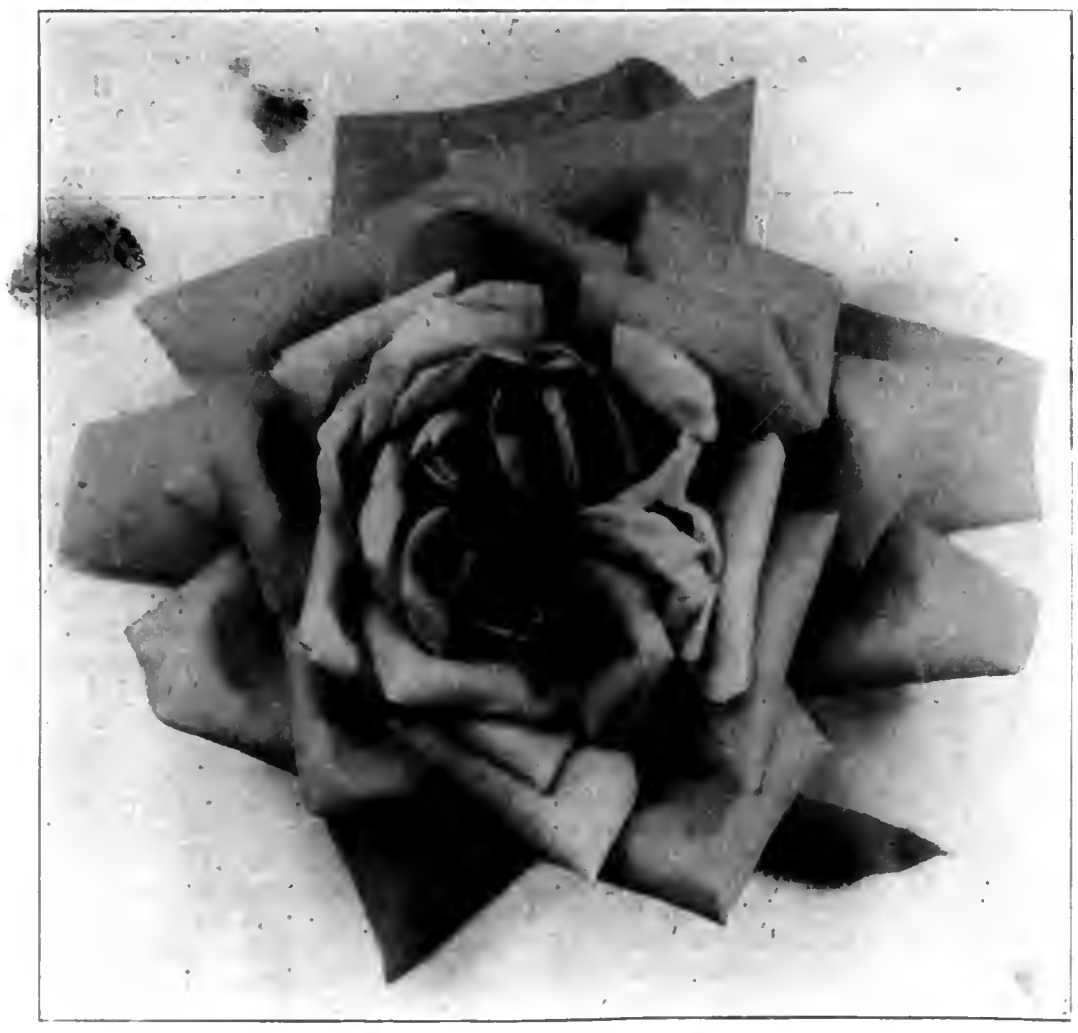
By selecting a good strain of seed, one which has a habit of producing long flower stems, and selecting seed from such each year you can secure a strain to suit your purpose. R.

BULBOUS STOCK FOR EASTER.

Kindly tell us the length of time required to bring tulips, daffodils and narcissi into bloom. They are now in cold frames without heat, potted in September and are apparently well rooted. We have a well lighted house with night temperature of 60 degrees. I desire them for Easter. R. R. B.

The time required to bring tulips, etc., into bloom varies very much with the season. To bring them into bloom in January or February in a temperature of 60 degrees would require from twenty-one to twenty-eight days for tulips and Paper Whites, and about a week longer for daffodils; 60 degrees is rather a high temperature in which to produce good flowers with stiff stems; 55 degrees is much better.

Easter being late this year, the trouble with this class of stock will be in holding it back and the only way to gauge the time to have them in bloom at that date will be to watch them closely and exercise your best judgment, as much depends on the kind of weather we may have at that time. R.



Rose Rosalind Orr English.

PRONOUNCING DICTIONARY

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Frequent inquiry as to the correct pronunciation of plant names has led us to compile the following list of names, selecting those in most common use in the trade, and including botanical terms most frequently met with in articles upon plant culture.

In our list we have used the following

KEY TO PRONUNCIATION.

a as in fat	e as in met	ō as in note
ā as in fate	ē as in mete	ö as in move
ä as in far	ė as in her	ô as in nor
â as in fall	i as in pin	u as in tub
ă as in fare	ī as in pine	ū as in mute
à as in Persia	o as in not	ù as in pull

The syllables to be accented are marked thus ′.

L

(CONTINUED FROM LAST WEEK.)

Limnochares—(lim-nok′a-rez).
Limonia—(lī-mō′ni-ă).
Linaria—(li-nā′ri-å).
Lineata—(lin-ē-ā′tă).
Linum—(lī′num).
Liquidambar—(lik′wid-am-bär).
Liriodendron—(lir-i-ō-den′dron).
Livistona—(liv-is-tō′nå).
Lobelia—(lō-bē′lia).
Lomaria—(lō-mā′ri-å).
Longiflorum—(lon-ji-flō′rum).
Lonicera—(lon-i-sē′rå).
Loquat—(lō′kwat).
Lowei—(lō′e-ī).
Luculia—(lū-kū′li-å).
Ludwigia—(lud-wij′i-å).
Lupine—(lū′pin).
Lupinus—(lū-pī′nus).
Lutescens—(lū-tes′enz).
Lycaste—(lī-kas′tē).
Lychnis—(lik′nis).
Lycium—(lis′i-um).
Lycopod—(lī′kō-pod).
Lycopodium—(lī-kō-pō′di-um).
Lygodium—(lī-gō′di-um).
Lysimachia—(lis-i-mā′ki-å).
Lythrum—(lith′rum).

M

Macafeeana—(mak-af-ē-ā′nå).
Macrantha—(mak-ran′thå).
Macrophylla—(mak-rō-fil′å).
Maculata—(mak-ū-lā′tå).
Maculosa—(mak-ū-lō′så).
Magna Charta—(mag′nå kär′tå).
Magnifica—(mag-nif′i-kå).
Magnolia—(mag-nō′li-å).
Mahaleb—(mä′ha-leb).
Mahernia—(mā-her′ni-å).
Mahonia—(ma-hō′ni-å).
Majalis—(ma-jā′lis).
Malesherbia—(mal-e-sher′bi-å).
Mall—(mâl).
Malva—(mal′vå).
Mamillaria—(mam-i-lā′ri-å).
Mandevilla—(man-dē-vil′å).
Manicata—(man-i-kā′tå).
Manihot—(man′i-hot).
Maranta—(ma-ran′tå).
Marckgravia—(märk-grā′vi-å).
Marechal—(mar′e-shal).
Marguerite—(mär′ge-rēt).
Maritima—(mār-it′i-mà).
Marmorata—(mär-mō-rā′tå).
Martagon—(mär′ta-gon).
Martynia—(mär-tin′i-å).
Masdevallia—(mas-de-val′i-å).
Massangeana—(mä-sän-jē-ā′nå).
Mastacanthus—(mas-ta-kan′thus).
Matricaria—(mat-ri-kā′ri-å).
Matronalis—(mā-trō-nā′lis).
Matthiola—(mat-thī′ō-lå).
Maurandia—(mâ-ran′di-a).
Mauritia—(mâ-rish′i-å).
Maxillaria—(mak-si-lā′ri-å).
Maxima—(mak′si-mà).
Maximiliana—(mak-si-mil-i-ā′nå).
Media—(mē′di-å).
Medinilla—(med-i-nil′å).
Meleagris—(mel-e-ā′gris).
Melia—(mē′li-å).
Mendelli—(men-del′ī).
Menispermum—(men-i-sper′mum).
Mertensia—(mer-ten′si-å).
Mesembryanthemum — (me-sem-bi-r an′thē-mum).
Metake—(met′ak-ē).
Metallica—(met-al′i-kå).
Meteor—(mē′tē-or).

Metrosideros—(mē-trō-si-dē'ros)
Mexicana—(meḳ-si-kā'nå).
Michelia—(mī-kē'li-å).
Micrantha—(mī-kran'thå).
Microphylla—(mī-krō-fil'å).
Mignonette—(min-yo-net').
Mimosa—(mī-mō'så).
Mimulus—(mim'ū-lus).
Minima—(min'i-må).
Minor—(mī'nor).
Mirabilis—(mī-rab'i-lis).
Mistletoe—(mis'l-tō).
Monarda—(mō-när'då).
Monocotyledon—(mon-ō-kot-i-lē'don).
Monœcious—(mō-nē'shus).
Monstera—(mon'ste-rå).
Monstrosa—(mon-strō'så).
Montana—(mon-tā'nå).
Morello—(mō-rel'ō).
Moschata—(mos-kā'tå).
Multiflorus—(mul-ti-flō'rus).
Musa—(mū'zà).
Muscari—(mus-kā'rī).
Mycelium—(mī-sē'li-um).
Myosotis—(mī-ō-sō'tis).
Myrica—(mi-rī'kå).
Myriophyllum—(mir-i-ō-fil'um).
Myrsiphyllum—(mir-si-fil'um).
Myrtus—(mer'tus).

(To be continued.)

AN AMERICAN ROSARIAN.

The widely varying uses which men make of equal opportunities is a constant subject for interested study for all those who have the slightest strain of philosophy in their make-up. And opportunity is not always that object well clothed with hirsute before but very bald behind, as some would have us believe, to be grasped in the fleeting or forever lost. Rather is opportunity the chance given all men to work out each for himself the destiny toward which his nature leads. Starting at a common point, to what opposite goals do we make our way, and to what various uses do we put the objects and occurences encountered on our journey! Each will use the material in his own way, and after his own fashion achieve a varying degree of success. It will be remembered that so simple a thing as an apple played a large part in the lives and fortunes of at least three men who will live in history for the various uses to which they put the fruit, Old Adam, William Tell and Sir Isaac Newton.

And so it is in the history of our trade. Given a tiny greenhouse, one man expands it into a great range of glass, while another lets it go into decay. One grows vegetables, because of less necessity for skill and application, while another grows Beauties because the difficulties in the path to success bring richer rewards when won. Still another plants, and waters, and reaps, purely for the harvest of dollars, while his neighbor, content with a reasonable number of the comforts which money brings, turns with interest to those branches of our profession which add to the sum of human happiness. Among these latter E. Gurney Hill has won his place by the success which has attended his many years of careful hybridization.

If he is to be applauded who makes two blades of grass grow where but one grew before, how much greater place in our honor is due the man who makes two rose blooms grow where but one grew before. The greenhouses of the Hill Company are largely given over to the raising and trial of improved varieties and their distribution to the American trade. Mr. Hill says the tendency is toward a still further reduction of the space given to staples and a specialization on novelties.



E. Gurney Hill.

In the autumn, interest centers on the chrysanthemums, which constitute one of the largest collections in the United States. Not only are all the European and American novelties tried, but many seedlings are raised. The list of varieties recently published by the Chrysanthemum Society of America names the Hill Company as raiser of dozens and introducer of scores of one-time favorites, many of which are still in the race with the newer sorts. This year the leader of their set is a French variety, Mlle. Jeannie Nonin, a large white, which bids fair to prolong the season for good flowers well into December.

The Richmond Rose.

While the name of Hill is intimately associated with the development of the carnation, at the present moment interest in the establishment centers in the new roses. There are several benches of seedlings and new European sorts, which are an interesting study, but these must rest until the visitor has seen the new red rose, which so good a grower and judge of things floricultural as Wm. Duckham, of Madison, N. J., says will surely displace Liberty as well as all others of its color. This is Richmond, a seedling raised by Mr. Hill by crossing Lady Battersea with Liberty. It has little advantage in color over Liberty, but is so far superior in growth as to have gained the warm endorsement of everyone who has seen it growing. First, and most important, it shows no tendency to go dormant in the autumn, as does Liberty, but blooms freely all winter, surprising with its floriferousness those who have watched it most solicitously. Comparing the season's cut with that of Liberty, it is much larger; that can be seen at a glance. Mr. Hill puts it in figures which his associates declare are very conservative but which look too big to be credible and are hence told only to the man who is on the spot and has the evidence of the plants before his eyes.

A comparison of own-root grafted plants is at present in favor of the own-root stock. The grafts show few of the ground shoots which are springing up so numerously on the own-root plants. Indeed, these growths from the ground are the wonder of all who see the plants. The top growths, too, throw good stems and after a flower has been cut the eye is quick to break. The bud is long, pointed, can be, and in fact, should be cut tight, opens gracefully to a good size, and the flower is delightfully fragrant. The petalage is the same as Liberty.

Mr. Hill has Richmond in a house with Bridesmaid, same soil, same temperature, which spells good-bye to Meteor wherever that variety is still grown. The soil is a clay loam, with an admixture of leafmold, and it is to be expected that in other localities Richmond will be done fully as well if not better. Incidentally the visiting rose grower will note that on an adjoining bench of Bridesmaid half the plants are on their own roots, and half grafted on Manetti. The line of division is plainly apparent; growth is, to try to reduce it to figures, at least twenty per cent stronger on the grafted plants. They are all on benches with four inches of soil.

A year ago when Mr. Hill first owned himself thoroughly convinced that he had a good thing in Richmond (he called

it Etna then) he had sixty plants. Now he has 5,000. The way they cut up those sixty plants was a caution, but they are still there and as healthy and vigorous as you could ask. So is the new stock. Some of the cuttings were put in the sand as late as May 6, and are fine, strong plants. A part of a bench planted from thumb pots in October is now giving a cut.

Since it was learned to cut the buds tight shipments have been made to exhibitions and club meetings all over the country. The flowers traveled perfectly and kept for days. Many retailers, like Small & Son, at Washington, have asked for regular shipments, but these, in view of the necessity for propagating over 125,000 plants, could not be supplied. The flowers Mr. Hill took to Washington on a recent trip, after they had served his purpose, were sent by Smalls to Mrs. Hay, wife of the Secretary of State, and there is already an established demand for Richmond at the capital.

Some of the blooms sent to the Boston Gardeners' and Florists' Club meeting December 20, graced Wm. Nicholson's table at his Christmas dinner.

Other New Sorts.

To pass on to other varieties, a house of Rosalind Orr English, a pink seedling of Chatenay, raised on the place, is a splendid sight. The growth is wonderful and the cut large and continuous. This rose will never displace any other, but it will be popular in the way its parent is. The cut of this house all goes to Bertermann Bros., Indianapolis, and they think highly of it. There are two other red seedlings which are being tried, Joe Hill and Robin Hood, which promise interesting developments. A cross between White Lady and Kaiserin is closely watched. But most interesting of all is a first break from Beauty.

Among the scores of imported varieties is one of Dickson's which is well liked. It is Mildred Grant, winner of the gold medal in England for three successive years. It is cream white, with pink shading. Some who have tried it under glass say it is very susceptible to mildew, but it is not so here. Muriel Graham is a beautiful thing, a light sport from Catherine Mermet, and possessing all the characteristics of its parent. Buds of these two are but indifferently shown in one of the accompanying illustrations. Mrs. David McKee is one which Dickson introduced as yellow, but here it is cream white. There is an American variety, Shellem's Pink, raised by John A. Shellem, Philadelphia, of which great things were expected, but which has proved a disappointment as a forcing rose. It is a cross of Maman Cochet and Kaiserin, and, while it will not do in winter, Mr. Hill thinks it a decided acquisition for spring and summer.

In one house there are thousands upon thousands of Manetti stocks potted up. Each year 75,000 grafts are made. Fred Lemon has immediate charge of this work. He says that such a number rolls off one's tongue very easily, but that the operation itself is no inconsiderable task. He prefers English to French Manetti, and does not feel the need of the elaborate grafting case used in some places. He takes a tight bench, builds sides of matched lumber to the requisite heights, partitions as wanted, covers with hot-bed sash and loses only one or two per cent of his grafts. When the sash do not fit just as they should he stuffs the cracks with damp moss to make the case tight. He runs his case about 85 degrees.

In one house there is a nice lot of the new French rose, Mme. Norbert Levavasseur popularly known in this country as the Baby Rambler. Mr. Hill says it will be a gem for a bedder and as an Easter pot plant. It is everblooming; in fact, it blooms itself to death. In connection with the circumstance that a firm bought the American monopoly of this rose only to find that it had reached the trade here in large numbers through prior dissemination in England, it is of interest to know that Mr. Hill thinks he had the first plants to reach this country. An English friend, seeing the novelty, sent him a dozen plants with his compliments. A list from England recently quoted this rose and Mr. Hill straightway cabled; he got only 500 plants, but they cost 8 cents apiece. Quotations here are $35 per hundred and selling fast.

A big lot of hybrid roses are sold every season and thousands of hardwood cuttings are now in the sand. One bench contained over 40,000 cuttings of Richmond, cool and rooting nicely. All the young stock is grown cool here. They don't believe in hurrying the rooting, even if they have one order for 100,000 carnation cuttings, and each year need more rose, carnation, chrysanthemum and geranium stock than they can produce. That's the result of not chasing the Almighty Dollar too hard.

In Other Houses.

Speaking of carnations, several houses are grown and in fine shape. Mr. Hill is thinking better of Flamingo as the season advances. He is going to plant Prosperity more largely next year. Lady Bountiful is a gem here. There is a fine pink sport of Enchantress that will be worked up. The sales on Cardinal are very satisfactory. There are many seedlings under trial, too numerous to mention, save one, a very large white, which Mr. Hill thinks will just suit the growers in England, in whom he is interested from the fact that each season he sends many thousand cuttings across the water. American carnations are rapidly gaining in popularity there. They are still generally grown in pots, but some are applying American methods of culture in growing for market.

The grower of miscellaneous stock will find much to interest him at Hill's, particularly in geraniums. All the European novelties are tried, and most of them promptly discarded. But a house given to plants for stock at all times contains the cream of the varieties. Still Mr. Hill says that nothing sells so well as the old S. A. Nutt.

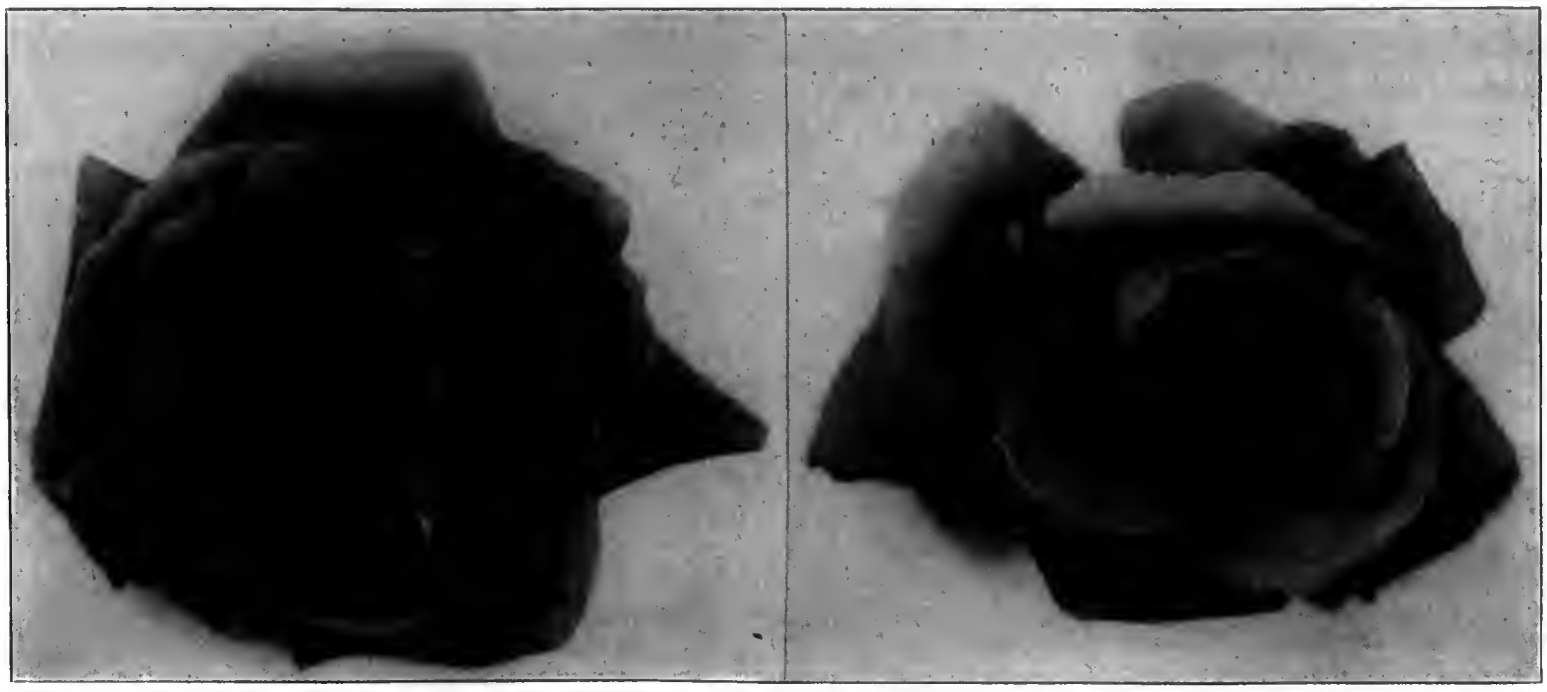
Mr. Hill's Associates.

Mr. Hill has associated with him in the company his son-in-law, Fred H. Lemon, his son, Joseph Hill, and his sister, Sarah A. Hill, the latter in charge of the office. It is an aggregation of talent rather beyond the needs of the present range of glass, and plans are being made to enlarge the business to afford full scope



Mildred Grant. Muriel Graham.

Buds of Two New Roses Well Liked by the E. G. Hill Company, Richmond, Ind.



Blooms, Reduced in Size, Showing the Way the Richmond Rose Developes.

for the energies of the younger men. Land has been bought adjoining the Pennsylvania railroad, where a large and strictly up-to-date range of houses will some day go up.

The ebullitions of some of the writers for the humorous weeklies have created the impression in many minds that southern "Injiany" is one of the waste places of the earth. Such is far from the fact. It is a fair and prosperous land, and Richmond is a modern city of wealth and refinement, inhabited by progressive people, whose hospitality is of such sincerity that those who are able to visit her florists on their way to or from the Chicago carnation meeting will remember it as one of the most pleasant experiences of their trip.

PANSIES DON'T BLOOM.

Please inform a southern subscriber why pansy plants bought in November, 1904, in full bloom, did not continue blooming after they were planted in cold frames, and given very rich soil, manure from an old hot-bed, plenty of air and good treatment generally. It is impossible to grow plants here in the fall early enough to bloom in winter, owing to the very dry autumns in Alabama. F. J. U.

PHYLLOCACTUS.

I am sending you a branch of cactus with fruit on it. I think the sample is sufficient to enable you to identify the variety. This plant had a number of such fruits. What is the variety, and are they good to eat? In breaking open, they seem to be deliciously flavored.

W. L.

The branch of cactus submitted with this letter is of the species now called phyllocactus, of South American and Mexican origin, (Cereus phyllanthus and Cereus phyllanthoides of De Candolle.) The phyllocactus is the most ornamental and satisfactory of cacti. Most fruits of the cactus order are edible, though all are not equally palatable. These, however, seem to be deliciously flavored. Even the fruit of the common opuntia is said to be very fine in the West Indies.

The phyllocactus has been so long a favorite in cultivation that it has varied into a multitude of colors, forms and habits. The flowers are usually large, brilliantly colored and elegantly shaped and most forms are free bloomers. A white-flowered, night-blooming sort, P. latifrons, is called the queen cactus. P. phyllanthoides, one of the original species, was discovered by Humboldt in South America and it has been a prime favorite ever since its introduction. The flowers are bright rose color, streaked with white and shaded with darker red and about four inches across. Over seventy-five varieties of phyllocatus are listed by cultivators.

JOHN HIGGINS.



PROPAGATING VIOLETS.

I have a bunch of Marie Louise violets growing in my lettuce house which are doing finely, but, owing to the lack of space, I shall have to throw them out and replant the bench with lettuce. Could I take off some of the rooted runners and pot them up into small pots and thereby grow them on in pots until time to plant them in the field, or would you advise me to grow them straight on in pots and plant in the bench about April or May? N. O.

You can take off the rooted runners and pot them up as you say. We always think it advisable, as I have said before in these columns, to have more than just a sufficient supply for your winter wants; therefore, I would take off all the stock that was good, potting up such as are in the proper condition, putting the balance of the cuttings in the propagating bed, potting them also as soon as rooted, taking care that they do not get stunted, shifting them as needed and planting them direct from the pots into the borders when the house is ready, growing them inside, this always providing you can give the house sufficient air during the summer. The balance can be either carried on through the season in pots or planted out in the field. In this way you have plenty of good stock to take the place of vacancies or poor plants as they appear at times in the house and the surplus will find a ready sale in the fall, and will more than pay for the extra trouble taken. R. E. SHUPHELT.

PEONIES FOR EASTER.

Will you have someone with experience tell us how to force peonies for Easter?

S. & L.

The most suitable varieties for forcing are the Moutan or tree peonies and to get the best results they should be potted in the spring and grown all summer, as they rarely flower well if lifted in the fall and forced during winter.

If potted in spring and carefully attended to during the summer they should be taken inside as soon as the leaves drop and kept in a temperature not to exceed 40 degrees until such time as they are started.

As much of the top soil as can be, without injuring the roots, should then be removed and a rich compost put in its place. They should then be placed in a temperature of 52 degrees until the eyes break, when the temperature should be gradually raised till 60 degrees is reached. They can be bloomed successfully in 56 degrees, but this takes a much longer time.

When they are growing freely and until the buds show color, they are greatly benefited by an application of liquid food at least once a week.

After being forced they require at least three years of field culture to recuperate before being fit to force again.

R.

OSHKOSH, WIS.—Fugleburg & Flister report a very satisfactory season's business.

HERE is another dollar for the REVIEW; I consider it the best invested money in my whole business.—MICHAEL MANDL, St. Paul, Minn.

FLORENCE, COLO.—Mary E. Templin is successor to Templin & Co. She reports good holiday trade but general business not quite up to the average because of a remarkably healthy community this season.

Vegetable Forcing.

VEGETABLE MARKETS.

Chicago, Jan. 11.—Leaf lettuce, 15c to 25c case; head lettuce, $2.50 to $4.50 bbl.

Boston, Jan. 10.—Cucumbers, select, $12 to $20 box; ordinary, $3 to $8 box; radishes, $2.50 box; tomatoes, 35c to 40c lb.; lettuce, 15c to 30c doz.; mushrooms, 50c to 80c lb.; mint, $1.25 doz. bunches; asparagus, $4 doz. bunches.

CANTALOUPES.

There seem to be very few who have attempted to grow cantaloupes under glass for market and these few claim that it is hard to get a profitable price out of them. Demand would naturally be created if more of them were placed upon the market. Some people might come along who would be willing to pay a good price for them from a novelty point of view, but these novelty-seekers are too few and far between to be counted on as profitable buyers. Still we can't get away from the fact that a nice fresh muskmelon is about as fine a fruit as can be placed on the table at any season of the year and during the winter and spring months should have an especial value. It therefore seems reasonable enough to expect that if the right class of people could be reached they would be willing to pay a price high enough to make it worth while for the grower to handle this crop. Only, I would advise those who contemplate trying it to go rather limited on it at first until they see how they are likely to come out.

The general cultivation of cantaloupes is similar to that of cucumbers, so that a few plants could be tried in the cucumber house. Where the greatest difference comes in is at the setting stage. Cucumber flowers can be set according as they appear, but with melons it is necessary to wait until eight or ten flowers can be had at one time or, if one or two only are set at one time, they will run away with the strength of the plant and it will be hard to get others to set and even if they do set they will not swell if one or two others have the lead. It is also necessary to support the fruit by a network of cords or some such device, as they get too heavy for the stem and would break away unless artificial support was given.

Regarding variety, I prefer those of European origin. Some good growers have told me that they were successful in forcing Emerald Gem, but I have never been able to obtain good flavor in this when forced. The best flavored varieties I have tried are Royal Favorite and Frogmore Scarlet, both of English origin and are good, free setters and healthy growers. Royal Favorite is the larger of the two, is nearly round in shape, closely netted and a beautiful fruit when well finished. Frogmore Scarlet, though not so large, matures earlier, is also a beautiful fruit, of a rich orange yellow when finished, though not so closely netted as the Favorite. A number of varieties of this class are in existence, but the above named are the best I have tried. W. S. Croydon.

WITH THE GROWERS.

J. M. Gasser Co., Cleveland.

This company's plant at Rocky River comprises nearly 300,000 feet of glass and one always finds something of interest. Mr. Anderson, the genial manager of the plant, was our escort. The orchid and fern house was the first. Quite a number of cattleyas, oncidiums and cypripediums were in prime condition, as were also some fine Boston ferns, Pandanus Veitchii and Dracaena terminalis.

Carnations were next. A large area is devoted to this flower and as a whole the stock looks remarkably good. Lawson predominates and at present the house is a field of bud and bloom, having been just right for Christmas. There is also a house of Enchantress with stems from two to three feet long and blooms of perfect color. Gov. Wolcott is not doing as well this year as last, being a trifle slow. White Cloud is still grown and more space will be occupied by this variety next year. Moonlight and Vesper are being tried on a limited scale and up to date are doing nicely. In red, Mrs. Potter Palmer has done well to date. Apollo is too small. Crane does not do well here. Estelle gives good results. Flamingo is somewhat diseased, but is a grand, good flower with stems nearly three feet long. They will propagate from healthy stock and try it again. In crimson Harry Fenn leads them all. Several of the latest introductions will be planted, including Fiancee, White Lawson and others. Mr. Gasser is sorry Robt. Craig is not out for the coming season.



Tower and Tank at J. M. Gasser Co.'s.

A larger space is devoted to the rose. Many varieties are planted and most of them look healthy and vigorous. Beauties are planted in limited quantities and at present are off crop but growth is strong and heavy. Maids and Brides were started late after resting, and are just in their first growth. Perle is in fine condition, being full of strong, red growth but not in heavy crop at present. Mme. Chatenay is one mass of buds, although Mr. Anderson says it is off crop. What a magnificent grower it is! Liberty is completely off and is considered too slow. Gen. MacArthur resembles Perle in growth, being an exceptionally vigorous variety, and does best at from 50 to 54 degrees. Meteor has been dropped altogether. A house 300 feet long devoted to Kaiserin is still producing some very fine flowers.

A large space is occupied by mums during the summer, being followed by lilies, azaleas and bulbous stock. A house of poinsettias for cutting with stems ten feet long was just right for Christmas. Lorraine begonias and cyclamen are also grown and are looking quite good.

It is said that another range will be added to this one either this or next year, as they are unable to meet the increasing demand for their shipping trade.

The Gasser Co. has a water supply at this place from a 15,000 gallon tank elevated sixty-three feet on an all iron tower. It was built by the W. E. Caldwell Co., Louisville, Ky.

Forest City.

NEW YORK FLORISTS' CLUB.

Monday evening, January 9, the first meeting of the New York Florists' Club for 1905 took place at the club's parlors and an enthusiastic crowd welcomed the beginning of what promises to be a most successful year. Vice-President Butterfield introduced the newly re-elected president, Frank E. Traendly, who received a most cordial greeting and responded with an address as follows:

President's Address.

I thank you heartily for the mark of confidence you have shown by re-electing me to the office of president for the ensuing year. Well attended meetings, a liberal response to our invitations to all who might have something to show on the nights set apart for special exhibits; good work by the different committees—all these have contributed to make the past year successful. That the same favorable conditions may be with us during the year to come is my earnest hope.

The club is in a flourishing condition and the treasurer's report will show a growing surplus, as the following extract proves:

Cash balance January 1, 1904.....$ 911.63
Cash balance January 1, 1905..... 1,226.52

The membership is at present about 200, of which 147 are in good standing, thirty-two owe one year's dues and eighteen have received a final notice to make good their indebtedness at once. These figures may seem to compare unfavorably with last year's report, but the list of delinquents has been gone over by the board of trustees and a good deal of deadwood dropped from the roll. It is proper at this time to say to proposers of new members that the initiation fee of $3 must be handed in to the secretary with every proposition before a name can be presented to the club.

I recommend a repetition of last year's program to arrange for special exhibitions on stated nights during the year, beginning with carnations at the February meeting. It would tend to increase interest and make these nights still more attractive if we could have a paper read by a specialist on the principal exhibit of the evening.

I hesitate to refer to a revision of the rules governing the committee on award, but I have heard suggestions that the rules might be improved. I think, however, that matter may safely be left with the committee, and if it sees fit to make recommendations the club will consider them.

The house committee seems to have made itself indispensable and a fair appropriation for this year is advisable. I recommend that the committee make arrangements for a ladies' night for the February meeting and provide proper entertainment. If agreeable to the



Red Rose Robin Hood. Pink Rose Laura Wattine.

Two of the Novelties Well Liked by the E. G. Hill Company, Richmond, Ind.

club I would suggest that we entertain the ladies again towards the close of the year.

One or two illustrated lectures might be arranged for by the essay and entertainment committee during the year.

This is an opportune time to consider the subject of the club's annual outing and to invite suggestions as to the place where we are to go. As a member of the second outing committee, with some of its members, we visited all places near the city and found most of them undesirable or inaccessible, Wetzel Point grove being more attractive than any. This committee should be appointed at once with instructions to make arrangements with the management of the place determined upon at this meeting.

The bowling contingent is reminded that it is time to get to work, enlist recruits and try to make a good record for New York. We are not handicapped by distance to be traveled this year, and a good team ought to be got together and give a good account of itself in Washington this summer.

Concluding, I want to testify to the warm support given me by the officers of the club during the past year. The secretary has done his good share, and how much that amounts to is not generally appreciated by the majority of members. His work has been most valuable towards the club's welfare. The treasurer has seen to it that the club's funds have not been idle, and the fact that all but a couple of hundred dollars are drawing interest, which amounts to enough to pay two-thirds of our rent, shows with what zeal he cares for our interests. With the continued assistance of these, the other officers, committees and members, I hope to be able to serve you acceptably during the coming year.

The newly elected vice-president also responded with an address, mentioning some of the successes of the club and several of its hopes for the future.

Mr. Sheridan reported arrangements for an annual dinner at the St. Denis February 1, securing the popular Tommy Baker and his talented assistants as the amusement feature and the sale of more tickets than the total disposed of in 1904, with nearly a month of opportunity remaining. He would like to be advised at once by all who will attend. Mr. Nugent reported for the house committee and received a hearty vote of thanks.

Seven new members were elected and C. Albert Small, Frank McMahon, J. F. Marsden, Clarence Saltford and Wm. G. Muller were proposed. Mr. Wallace read a most satisfactory report of the board of trustees, showing $1,200 in the club's treasury. Secretary Young's report showed an average attendance of nearly 100 for the year, an addition of twenty-seven new members and the death of three.

Wm. Duckham, of Madison, gave a cordial invitation to the club to attend the annual Madison smoker on Wednesday evening and the acceptance of the members was voted unanimously. Mr. Wallace spoke for the American Carnation Society's exhibition at Chicago and suggested the journey of the eastern visitors in a body, predicting the best convention the Carnation Society had ever held. The holding of the usual summer outing was decided upon, the committee appointed being Messrs. Elliott, Birnie, Schenck, Craw, Langjahr, Reimels, Jr., Schmitz, Bunyard and Shaw.

The following committees were announced by the president: Legislative, John N. May, P. O'Mara and Chas. Allen; essay and entertainment, Nugent, Manda and Kuhne; awards, O'Mara, Lenker, Siebrecht, Birnie, Miller, Duckham and Totty.

Messrs. O'Mara, Ward, Phillips, Nash, Wallace and others discussed the suggestions in the vice-president's address as to increasing the membership and the establishment of a question box as a feature of subsequent meetings of the club. The house committee gave a special showing of its ability and the first meeting of the new year ended in harmonious enthusiasm as to the certainty of a successful record for 1905.

At the next meeting of the club the second Monday in February, there will be exhibits of carnations, the ladies will be guests and there will be a paper or address by a competent carnation grower.

J. AUSTIN SHAW.

THE PITTSBURG CLUB'S METHOD.

The Pittsburg and Allegheny Florists' and Gardeners' Club held its regular monthly meeting Tuesday evening, January 3. The subject for consideration and discussion was "Plants, Flowers and Greens Used During the Christmas Holidays." It was also the night for nomination of officers for the ensuing year, the election being next meeting.

The club is in a most prosperous condition. It has 149 members and there are four proposals for membership to be acted on at the next meeting. During the year the monthly meetings have been most entertaining and instructive and at each meeting there has been an exhibition of flowers, plants and materials and the attendance has been large and the discussions spirited and critical. No papers have been read at any of the meetings, the officers of the club believing that the members give better heed to impromptu talks and criticisms, where every man present can say a word or give his opinion, rather than to papers on set subjects. The great aim has been to get every member interested and in an argumentative or confessional mood and if any man is afraid to open his mouth, ask him simple questions in his own line of work and in this way the most bashful member of the club has never refused or hesitated to give his opinion about practical matters or to tell how he does things at home. Secrets! There are no cultural secrets in this club. And the members are always attentive and orderly and there is never any one leaving the hall before the meeting closes. In fact, it seldom happens that we get quite through at 10 o'clock.

During the year we have had two smokers and a summer picnic and all paid for out of the general funds of the club. Today every debt of the club is paid and there is between $20 and $30 in the treasury. This shows interest and economical management on the part of the entertainment committee and their smokers and picnic were lavish in refreshments, amusement and music.

All of the officers of the present year were re-nominated for election for next year, except the president. He has served in this capacity for several years and declined a re-nomination, urging that the honor should not stay too long in one man's hand. So T. P. Langhans was nominated for the presidency. Mr. Langhans was secretary of the club for several years and is thoroughly interested in its prosperity and we all look upon him as a most happy choice. PREX.

MOST VALUABLE.

I beg to hand you herewith a dollar in payment for another year's subscription to the most valuable of trade papers. This amount I consider well invested, as it pays me many dollars back, for whenever in need of stock it is so easy to find what you want offered by some of your advertisers. CHAS. OTTO HORN

Helena, Mont.



CARNATION NOTES.—EAST.

A New Disease.

In this vicinity there has recently appeared on plants of Lawson, an affection of the stem unlike anything before seen. Growers in other sections may be acquainted with it, but, from what can be learned on short notice, it seems to be a new disease. My purpose in giving information regarding this trouble is to ask if others have any knowledge concerning it, also to induce every grower to be on the watch for it, or, if already discovered and experience has resulted in finding the cause, a remedy or preventive, to give some light on the matter.

I first heard of it from a grower who wrote describing it as follows:

"A bud and its stem will look perfectly sound and healthy and in a good many cases the flower will develop perfectly, but on picking same, there will be found low down on the stem a place about an inch long where it appears dead and is brittle. In a large per cent of the cases this affected place is covered with a short, thin, white, fuzzy mold. If cut between the diseased spot and flower, it will keep all right, but cut below that spot and the flower, it fades before twelve hours. The affected stem appears to draw sap from the plant, but will not draw water."

Having never seen such a thing myself, or had any experience with anything similar, I have looked over other places, and while it does not seem to be a prevailing trouble, it is not confined to the one grower in question.

I might give a lengthy article on the result of various experiments and theories of probable causes, etc., but readers of the REVIEW want the facts from the first. None of us know it all, but I hope some one knows something definite about this trouble. GEO. S. OSBORN.

CARNATION NOTES.—WEST.

Essentials in Propagating.

During the next eight weeks you will have the best weather of the year for propagating carnations. Steady firing will enable you to keep a little bottom heat, while at the same time you will be able to keep the top cool. After getting your cuttings into the sand and watered in well your main attention will be directed toward keeping the cuttings in a fresh state until the roots start. This requires good judgment and constant watching, especially if the days are warm and bright.

Shading and spraying are the two things resorted to to counteract the effects of the sun, and if they are done judiciously there need be no loss from that source. No iron-clad rule can be laid down as to the amount of either of these should be done, but a safe rule to go by is to keep the cuttings fresh and crisp, with just as little shading or spraying as you can. Too much is but little less harmful than not enough. Always bear in mind that if you can keep the cuttings fresh for three or four weeks you will have success. A badly wilted carnation cutting might just as well be thrown out right away.

You will find a great difference in varieties; some will remain crisp and take root in three weeks while others will look wilty in spite of all you can do and will drag along for six weeks before striking roots. These latter kinds are the ones you will have the most trouble with. They are usually of a very soft growth and will damp off if you spray them too much or become covered with rust, which makes them unfit to grow. These will want close shading and not much spraying. Adonis and Mrs. Nelson belong to this class. Then you will find such varieties as Lawson, Crane and Enchantress will wilt slightly only a few days and if they receive one or two light sprayings each day, according to the weather, they will straighten up in about a week and go right ahead rooting. E. Crocker, Queen Louise, Harlowarden, Moonlight and such narrow-grassed varieties, are the easiest to root. They will need but little spraying outside of the watering to do them nicely.

Do most of your spraying before noon so the cuttings can dry off before night, else you will bring on rust and perhaps damping off. Put on your shade in the morning before the sun strikes the cuttings fairly so there is no danger of wilting but in the evening remove the shade and let them have the weak sunshine for a half hour or an hour to help dry them off. Then if there does happen to be a little wilting they will have all night to freshen up again. These little spells of sunshine do the cuttings a world of good. It is a great mistake to use a bench that the sun never strikes until spring. As the cuttings root you can increase the amount of sunshine and by the time they are ready to come out you can let them have all the sun there is for a few days and there will be much less wilting after potting and a quicker start into a strong growth. Draughts of air should always be avoided as they will cause wilting as much as too much sun.

Watch the sand closely and water before the cuttings suffer. Notice every evening, as the sand will show dryness better then than in the morning. It should not be soggy, but just thoroughly moist. On bright days dampen the boards and the walks to help keep the atmosphere moist. Do not put any permanent shading over the cuttings or on the glass, because on cloudy days they will want all the light there is, and to darken them will make them soft. With good judgment you ought to root 100 per cent of your cuttings.

A. F. J. BAUR.

VARIEGATED LAWSON.

W. B. Arnold, of the Rockland Greenhouses, Rockland, Mass., whose Variegated Lawson was illustrated in these columns a couple of weeks ago, has contracted to give his entire output of cuttings of that variety to the F. R. Pierson Co., Tarrytown, N. Y., who are introducing a White Lawson this season. The deal was consummated upon the day of a recent visit by Frank R. Pierson to the Rockland Greenhouses.

GIBSON BEAUTY DROPPED.

The REVIEW is in receipt of the subjoined letter over the signature of the J. D. Thompson Carnation Co., and the Swan Peterson Floral Co.

We wish to announce to the trade that Gibson Beauty, the new carnation that we have sold so extensively, has not come up this season to its past record or our expectations, being a late bloomer and giving but few blooms before Christmas. We have decided not to disseminate same and have canceled all orders that have been placed.

While the failure of this promising variety is a disappointment to all concerned, it is greatly to the credit of the introducers that they should decide to withdraw it, not alone because they voluntarily cancel a large number of orders, but because each of the firms had devoted a large amount of valuable space to plants for stock and many thousand of cuttings were already rooted or in the sand.

McKINLEY DAY.

Don't forget about McKinley day, January 29, the day when every one wears a carnation. There promises to be an abundant supply of stock this year, and we should make the fullest use of the opportunity. But don't raise prices; the time for that may come when the observance of the day is a little more firmly established.

Call the attention of your local newspaper men to the approach of the day and the custom of observing it by wearing a carnation. Put an advertisement in the paper, or at least a sign in your window. Early in the morning of the day, if you can spare the stock, go to the street car barns and see that every crew is decorated as it starts out. The force of example is strong.

FAIRY RING.

I am sending a few carnation buds in order that you may tell me what is the trouble. Some of the plants are all right while on others the buds turn yellow and dry up. The tips of the leaves are dried on some of the plants. F. J. P.

Your carnations are affected with fairy-ring. As this is a fungous disease. First of all pick off all the buds and leaves that are spotted and burn them. Then spray them with formaline diluted to 500 to one. This is one of the best fungicides or germicides known and will do the work if anything will. Spray them thoroughly two or three times a week for two or three weeks; then decrease to one spraying each week until you see the plants are entirely clean. Do the spraying in the morning of a bright day, so the plants can dry off before night. If any more spots appear, keep them picked off, as the disease will spread if left on the plants. You might also paint one of the steam pipes with a paste made of half sulphur and half lime, mixed with water, to help keep the atmosphere pure.

A. F. J. BAUR.

WE like the REVIEW and think it indispensable to the florist who wishes to advance in his profession.—W. H. CULP & CO., Wichita, Kan.

PITTSBURG.

The Market.

The first week of the New Year has been a disappointment so far as business was concerned; everybody is complaining. Good roses were scarce and high priced, but there were enough to go around. Carnations were plentiful; the good stock sold at a reasonable price but the poor stock and small flowers went to the dump. In fact, there seems to be too much "crap" of all kinds and at a time like this it must all go to the dump. The first week of the year has produced a variety of weather, opening with a spring day, then a blizzard with a terrible wind and winding up with the heaviest snow of the year.

Various Notes.

The Florists' Club met last Tuesday evening. After a discussion of plants and Christmas greens, the nomination of officers was taken up. As Wm. Falconer, who has served as president for several years, declined to allow his name to be used again, T. P. Langhans, secretary of the Pittsburg Cut Flower Co., was nominated for president, together with the officers of the preceding year, namely, vice-president, E. C. Reineman; secretary, H. P. Joslin; assistant secretary, E. C. Ludwig; treasurer, Fred Burki; executive committee, P. S. Randolph, John Bader and Fred Burki. The report of the secretary showed the club to be in a prosperous condition, with 149 members and a good balance in the treasury.

January 29 will be McKinley day and, as it has become the custom to honor this day by wearing a carnation, it might be well for the growers to be prepared with an extra cut for that day.

The Pittsburg Cut Flower Co. is receiving a fine cut of white, red and yellow tulips grown by Patrick Maier.

G. & J. W. Ludwig are issuing a very handsome catalogue of floral work, containing many fine half tones of original designs.

Randolph & McClements executed a very handsome decoration at the Duquesne club last Saturday night, for the annual banquet of the operative officials of the Carnegie Steel Co.

J. B. Murdoch & Co., Van Eman, Pa., contemplate erecting a new range of houses in the near future.

J. K. Hutchinson was in a wreck on the P. Ft. & C. near Alliance, O., last Saturday. He escaped with a few bruises and a good shaking up.

Our street stands have fine carnations which they are offering at 20 cents per dozen.

B. E. Blackly, of Homestead, has been having trouble with his eyes the past two weeks.

Anton Krut, Jr., of Butler, has the sympathy of the trade in the loss of his mother and sister during the holidays.

Hoo-Hoo.

A Birthday Party.

John Bader was 60 years old on Thursday, January 5. My! No one would take him to be over 50! So that evening half a hundred of his warm, personal friends, church, school and political, gathered at his castle on Troy Hill to cheer him up and wish him many happy returns. They presented him with a magnificent silver loving cup in testimony of their esteem for him. That John is a sound churchman, the presence of three clergymen at his table was good evidence. He has long been a school director and while he leans to the Democratic party, most of us think he isn't at all a bad Republican. As a business man, John is a pronounced success. Coming to this country from Germany a young gardener, he drifted into commercial life and now he is the leading plantsman in western Pennsylvania and outside of his florists' business he is a large property holder. John is rich and he is a mighty good fellow, too, honest as sunlight, straight as an arrow, vigorous, aggressive and progressive. It is the sincere wish of everyone who knows him that he may have many, many more happy birthdays.



Baur & Smith's Light Pink Seedling, Beatrice.

KANSAS CITY.

The Market.

The rush of the holidays being over, things are getting down to their normal standard. Business has been rather dull the past week, but the coming week promises to be better. Carnations are scarce, especially white and red. Good roses are scarce, for there is a healthy demand for choice blooms. Bulbous stock is plentiful, with prices about the same. There is a fair call for violets and some choice bunches are on the market. Most of the growers and retailers are glad of the chance to rest up after the rush and are settling down to getting things in readiness for Easter.

Various Notes.

The event of the week was the marriage of Albert F. Barbe and Mrs. Mary Gruettner. The ceremony was performed by the Rev. Dr. J. M. Cromer, at the home of the bride. Mr. Barbe, who believes in doing things right, made his greenhouses disgorge their wealth of bloom and choicest plants to do honor to the occasion. The price of rice went up and old shoes in abundance were found the next morning. Mr. and Mrs. Barbe are at home at Fifteenth and Lawndale avenue.

One of the local retailers hired a wagon one day last week and covered it with placards announcing carnations at 35 cents per dozen.

C. M. Wise, who has purchased seventy-five feet on the corner of Twenty-fifth and Holmes streets, has built a thoroughly up-to-date greenhouse 22x100, with a reception room 12x12, heated with hot water and electric lighted. He is stocking up and has plans already drawn for two more houses of the same dimensions, which he will build in a couple of weeks.

D. Freudenthal is well pleased with his new location on East Twelfth street and reports business better than in the old place.

Miss M. Dalley reports very good business the past week. She is handling some fine roses from Al. Broman, at Independence.

Ed. Bunyar, of Independence, is sending in some fine violets and finds a ready market.

Arthur Newell reports good business at both of his stores the past week and is thoroughly satisfied with the holiday business. He has his Twelfth street store very tastefully decorated.

R. S. Brown reports very fine trade these days and only bewails the fact that his place is not large enough to handle all that comes his way.

W. J. Barnes, of Thirty-eighth and Euclid, is showing some very fine stock, especially bulbous stock, and is finding a ready market for all he produces.

NARCISSUS.

FANCY WHITE LILAC, - - $2 per doz.
SPECIAL QUOTATIONS ON LARGE LOTS.
HUDSON RIVER VIOLETS.=VERY LARGE.
CARNATIONS--A fine assortment of fancy stock. ROSES--Extra fine, especially in Brides and Maids. A FULL LINE OF CUT FLOWERS.
A. L. RANDALL CO.
WHOLESALE FLORISTS
21 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

BOSTON.

The Market.

The opening days of 1905 have favored us with a mixture of weather which, for extreme variety, would be very hard to beat. Opening with a day of genuine April balminess, we have in quick succession blizzards, thaws, cold waves, snow storms, gales and rain storms, followed by further cold waves. One day our maximum was 55 degrees in the shade. Two days later it was 10 degrees. Minimums have varied from 42 above to 8 degrees below zero. Of sunshine we have not had an overplus and as a consequence production of flowers has not been heavy. Demand, however, has been even lighter than production and prices have softened in consequence.

Up till January 8, trade was moderately good, but a warm wave and terrific rain storm ruined what might have been a good market. Flowers were half drowned getting to market and buyers were afraid to venture out in such a storm. Conditions have improved since, but are still not so good as could be desired.

Best grades of American Beauties have realized $60 and from that figure down to $6. Brides and Maids are a little lower, about $12 for the best. The cut of these is smaller, quite a number of growers reporting their houses as off crop. Select carnations make $3 and $4, in some cases $5. A few Prosperity realized $10, while quite a number of the poorer grades went at $2, some even lower. About $1 has been top price for best violets, very few realizing $1.25. Prices have dropped to as low as 50 cents on ordinary grades.

Paper Whites and Roman hyacinths are lower and sell very slowly. Some Narcissus Soleil d'Or is seen and some very nice Golden Spur is coming in. These latter sell well. Mignonette is now coming of fine quality from several growers. Poinsettias are practically over. Freesias are coming in more freely. Cypripedium insigne remain abundant. Myosotis, marguerites and double daisies are seen here and there. Adiantum and asparagus remain about the same.

Horticultural Society.

The first 1905 meeting of the board of directors was held on January 7. It was voted to hold a second field day ere spring for a demonstration of methods for fighting the brown tail and gypsy moths, Boston Common and Franklin park being suggested as suitable locations. It was decided to change the date of the show scheduled for May 6 to April 29, all the halls having been let for the week ending May 6.

Twenty-five new members were elected, twenty-four of these being proposed by the new president, A. F. Estabrook, who has presented quite a number of additional names to be voted on in February.

The annual meeting of the Massachusetts Horticultural Society was held January 7. In the absence of the president-elect, who had been obliged to seek a warmer climate owing to the state of his health, Walter Hunnewell presided. The retiring president, Dr. H. P. Wol-

THE WEEKLY FLORISTS' REVIEW

Gentlemen:

Enclosed find check to balance account. We found the REVIEW to bring us better results than all other trade papers combined. An adv. in your journal to us is an excellent investment. Write us about October 1st, this year, and if you wish to again carry our adv. until the holiday rush is over, will occupy a larger space with you.

A. B. SILLIMAN & CO.

Boone, Ia., Jan. 9.

cott, made a felicitous speech, predicting greater prosperity and usefulness for the society. The greater part of the meeting was occupied by the reading of reports from the secretary, librarian and treasurer and the chairmen of committees, all of which will be printed in the transactions of the society. The treasurer's report showed assets of nearly $800,000 over liabilities. Expenditures for the past year fell a little short of $20,000. A cordial vote of thanks was passed to E. W. Wood, for over twenty years chairman of the fruit committee, who now retires.

W. A. Stevens showed a splendid dish of mushrooms, grown from pure culture spawn. Mrs. E. M. Gill had carnations, freesias and clivias. Owing to stormy weather the meeting was not so largely attended as usual.

Various Notes.

William Nicholson, of Framingham, would like all from this section who intend to go to the Chicago carnation convention to communicate with him as soon as possible, so that arrangements for berths may be made in season. The Boston delegation will probably go from the North Union station via Nickel Plate R. R. Fare will be $27.35 for the round trip, berth in through sleepers $5.50 extra each way. The party will leave on the evening of January 23. It is sincerely hoped that as large a delegation as possible will represent our section, as Boston wants the convention next year and certainly is entitled to it after a lapse of eleven years.

W. L. Lewis, of Marlboro, Mass., has had a fine vase of his new white seedling carnation, Mrs. W. L. Lewis, on exhibition in Galvin's, on Tremont street, the past week. This is a cross between Flora Hill and Mary Wood and is very promising.

J. Tailby & Son, of Wellesley, are growing some 50,000 Iris Hispanica, including a number of new and choice varieties, also a large lot of Anemone fulgens. They had blooms of the new race of Guernsey's iris in bloom for Christmas.

One of N. F. Comley's greenhouses was broken into a few nights ago and 100 carnation flowers stolen. The two thieves were caught and fined $25 and $5 respectively at Concord on the following day.

James S. Philbrick was married to Miss Lizzie Lovering at the Baptist Church, Woburn, Mass., on January 5. Mr. Philbrick's market confreres wish him much joy and excuse his late arrival at his stall.

J. Woodward Manning will be the speaker at the meeting of the Gardeners' and Florists' Club on January 17. His address will be made more interesting by a number of lantern slides. The new president, James Wheeler, will be installed and refreshments served at the close of the meeting. There will be quite a number of interesting exhibits, including one or two flower novelties not previously shown in America. A large attendance is assured.

Geo. W. Ayer, of Reading, has a small batch of a very promising crimson scarlet

Good Tea Roses are not abundant, but there is

Plenty Good Stock

in all other lines. Very heavy crops of Beauties are on and long-stemmed in particularly heavy supply. Good carnations are selling much cheaper than usual at this time of year. Send us your orders.

"GREEN GOODS" for all requirements.

....FANCY VALLEY ALWAYS ON HAND....

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones { 1978 and 1977 Central. 7846 Automatic

AMERICAN BEAUTY,	Per doz.
30-36-inch stem	$4.00 to $5.00
24-inch stem	3.00
20-inch stem	2.50
15-inch stem	2.00
12-inch stem	1.50
Short stem	.75 to 1.00
	Per 100
Brides	$4.00 to $12.00
Bridesmaids	4.00 to 12.00
Meteor	4.00 to 12.00
Golden Gate	4.00 to 12.00
Chatenay	6.00 to 15.00
Carnations	1.50 to 2.00
" large and fancy	3.00 to 5.00
Violets	.75 to 1.00
Valley	2.00 to 4.00
Callas	per doz., $1.50
Paper Whites, Romans	3.00
Stevia	1.50
Tulips	3.00 to 4.00
Jonquils	4.00
Sweet Peas	1.50
Asparagus, per string, 35 to 50c.	
Asparagus Sprengeri	3.00 to 5.00
Ferns	per 1000, $2.00 .25
Galax	per 1000, $1.25 .15
Leucothoe	.75
Adiantum	1.00
Smilax	per doz., $1.50 10.00
Wild Smilax, 25 lb. cases	3.00
" " 35 lb. cases	4.00
" " 50 lb. cases	5.00

Subject to change without notice.

Mention The Review when you write.

carnation, a cross between Maceo and a yellow variety, of which he has been showing some nice blooms at the new market.

John O'Brien, for the past eight years with Carbone's flower store, has severed his connection with that firm and may decide to start on his own account a little later.

Wm. E. Glidden, of Natick, and Wm. McAlpin are acting as salesmen for the Budlong Co., at the Park street market. Wm. Malloy, head salesman for the same firm, is now able to resume his duties.

Galvin had the decorations for the first ball at the Somerset Hotel on January 4. Banks of poinsettias and palms were effective in the ballroom. Red and green was the color scheme in the palm room also. Azaleas were used in quantity and large lots of laurel wreathing and hemlock.

A pretty and effective centerpiece at a dinner on January 4, consisted of five dozen spikes of Calanthe Veitchii rising from a bed of Adiantum cuneatum, Odontoglossum crispum flowers being used as bouttonieres. Another decoration on January 9 of Lælia anceps was much admired, flowers of Dendrobium nobile virginale serving as bouttonieres.

A. H. Fewkes, of Newton Highlands, has a house of mignonette from which he is marketing some superb spikes.

Geo. E. Buxton, of Nashua, N. H., is sending some very fine lots of his new light pink seedling carnation, Marion Buxton, to the Park street market.

J. T. Butterworth is still a patient in the Framingham Hospital and his condition causes anxiety. We trust he may soon be convalescent.

A generous subscription was taken up in both the Park street and new market on January 7 for the widow of the late James Denning, who was salesman for the J. A. Budlong Co., of Providence, R. I. Mr. Denning was held in high esteem among the growers and retailers.

W. N. CRAIG.

THE REVIEW is worth very much more than the subscription price.—F. H. LANMAN, Plymouth, Mass.

CHICAGO.

The Market.

Business has been very dull during the past week and prices on nearly all lines have weakened very materially. The single exception is tea roses of good grade. For these the demand continues in excess of the supply, but this does not necessarily indicate that there is heavy buying; on the contrary, supplies are very light. There are plenty of low grade Brides and Maids and these bring cheap prices. Long Beauties have been in very large supply and if the buyer were not too critical as to age and quality he could get very cheap rates. The best stock has strengthened considerably, however, as the average quality of the cut is on the down grade because of unfavorable weather.

Compared with recent values of carnations, current prices are very low. In fact they are below the average for this season of the year and quality is generally at its very best. The market has a considerable surplus every day, principally colored sorts, for white is in good demand for funeral work. The receipts of violets are not so heavy as they were but demand has also slackened and there is considerable waste after requirements are met at low prices. Both Harrisii and callas are to be seen in most of the wholesale houses and there are large quantities of Romans and Paper Whites which are difficult to move. A few tulips are coming in but are yet of poor stem and are not largely wanted. Good mignonette is selling fairly well but there is no market for the poor stock. Stevia has shortened up and sells fairly well. The absence of active demand has made green stock quite abundant.

Receiver for Winandy.

On January 9, Dreiske & Hinners and others, through their attorneys, Felsenthal & Foreman, 100 Washington street, filed a petition in the United States Circuit Court to have Michael Winandy judged a bankrupt. Edwin C. Day, First National Bank building, was appointed receiver, and took possession Monday evening. Dreiske & Hinners are coal dealers and their claim is small in proportion to what the aggregate liabilities are said to be. Mr. Winandy, besides running his greenhouses, did a general contracting business, and it is stated that it was in this and not in the greenhouses that he lost his money, although it is well understood that the greenhouse end was doing far less than it did in its first couple of seasons in cut flowers. Mr. Winandy, although a man of exemplary character, was very lax in his business methods and kept his books in his head and his bank account in his pocket, so that neither he nor the receiver yet knows just how he stands. The claims are very large but are mostly owing to building material concerns. The assets consist of fifty-two greenhouses and several pieces of real estate. Henry Wietor, of Wietor Bros., has a mortgage for $6,000 on the greenhouse property and is secured. The receiver is continuing the business.

Not Too Many Chatenay.

Early in the season there were decidedly too many short Chatenay roses in the market and the fear was expressed that it has been overdone, but it hasn't looked that way since the first crop was off. Chatenay is a prolific bloomer and August Poehlmann says that it gives a great deal higher proportion of the fancy grade flowers than any other rose he grows. Its great value is most apparent in mid-winter.

Various Notes.

Peter Reinberg was an early buyer of the Richmond rose and placed an order for 5,000 plants, which he has now increased to 10,000. Emil Buettner and his grower were down to Hill's to look at it early this week.

Wietor Bros. have their carnation houses in very good shape. Guardian Angel is particularly productive and as a profitable variety is still well up to the front.

L. Coatsworth reports that at the rate

VAUGHAN & SPERRY

60 Wabash Avenue, TELEPHONE, CENTRAL 2571 CHICAGO

WHOLESALERS and JOBBERS

CURRENT PRICE LIST Subject to Change without Notice

Beauties, 30 to 36 in. per doz.	$4.00 to $5.00	Carnations, per 100	$1.50 to $2.00	Valley, per 100	$3.00 to $4 00
Beauties, 20 to 24 in., per doz.	2.50 to 3.00	Carnations, fancy	3.00 to 5.00	Stevia, per 100	1.50
Beauties, 15 to 18 in., per doz.	2.00 to 2.50	Asparagus Plumosus, per string	.40 to .50	Mignonette, per dozen	.50 to .75
Beauties, 12-in., per doz.	1.50 to 2.00	Asparagus Plumosus, per bunch	.25 to .50	Violets	.75 to 1.00
Beauties, short, per doz.	.75 to 1.00	Sprengeri, bunches	.25 to .35		
Liberty, per 100	4.00 to 15.00	Adiantum, per 100	.75 to 1.00		
Golden Gate, per 100	4.00 to 12.00	Smilax, choice	.12½		
Chatenay, per 100	4.00 to 15.00	Fancy Ferns, per 1000	2.00		
Bride and Bridesmaid, per 100	4.00 to 8.00	Galax Leaves, green, per 1000	1.25		
Bride and Bridesmaid, fancy	10.00 to 12.00	Galax Leaves, bronze, per 1000	1.25		
Meteor, per 100	4.00 to 12.00	Leucothoe Sprays, per 100	.75		
Perle, per 100	4.00 to 6.00	Callas	1.50 to 2.00		
Ivory, per 100	4.00 to 15.00	Lilium Longiflorum, per dozen	1.50 to 2.00		
Our Selection, per 100	4.00	Narcissi, Paper Whites, per 100	3.00 to 4.00		

We receive daily shipments of Wild Smilax

Price List Wild Smilax

No.	Weight	Will Cover	Price
1	15 pounds	100 square feet	$2.50
2	20 "	200 " "	3.25
3	25 "	300 " "	3.75
4	35 "	400 " "	4.50
5	40 "	500 " "	5.00
6	50 "	600 " "	6.00

Mention The Review when you write.

at which seeds of the Benthey aster are going out the supply, particularly of pink, will not last long.

A. L. Randall Co. is getting very fine white lilac, for which last year's big demand promises to be duplicated this season.

E. C. Amling is handling quantities of bouvardia.

Messrs. Dietsch, Moninger and Foley have given special premiums for the carnation show. The first two offer prizes open to growers, the latter a cup for best arranged vase, open only to retailers.

The annual charity ball takes place at the Auditorium tonight and has placed a considerable number of orders in the hands of the leading retailers. Considerable stock is used in the decoration, which, however, was planned by an architect.

C. W. McKellar reports prices on cattleyas coming down in sympathy with everything else, and because of large receipts.

P. J. Hauswirth, who will act as manager of the exhibition of the American Carnation Society this month, reports that every indication is that the show will be the largest distinctly carnation exhibition ever held.

Kennicott Bros. Co. reports a very satisfactory business on wild smilax. E. E. Pieser is again on deck after ten days' illness.

On Friday of last week there was a great deal of funeral work required for the service over Theodore Thomas, the world famous director of the Chicago Orchestra.

Vaughan & Sperry report a very satisfactory shipping trade.

There was a meeting of the Horticultural Society Tuesday afternoon at which reports were presented and a nominating committee appointed.

P. J. Hauswirth has been busy this week. Tuesday he had the decoration for the furniture trades banquet at the Auditorium at which there were 750 guests. Wednesday night he had the Press Club decoration for its twenty-fifth anniversary.

The Florists' Club holds its regular meeting tonight. Carnation Society matters will be the principal subject for discussion.

NEW YORK.

The Market.

The week just ended was not a satisfactory one in the wholesale section. The miserable weather was a great factor, unsettling the market, depressing prices and maintaining the record of all the years for the weeks immediately succeeding the holidays, that of dullness, sacrifice and general pessimism. Violets, especially, felt the strain. Great reductions were necessary at times to distribute them and the mild days gave the sidewalk merchants their opportunity and saved the markets from utter demoralization.

The tendency all the week was downward. Snow storms up the state delaved shipments and Long Island also suffered from the drifting blizzard, the worst since the great storm of 1888. There seemed to be no limit to the carnation supply. But this is only the resting spell before renewed activity and as the year progresses the old-time enterprise and prosperity will sweep over the market and re-establish the conditions of other years. We look for a decided change for the better by the middle of the month.

Various Notes.

The Madison smoker took place on Wednesday of this week and the annual dinner of the Tarrytown Horticultural Society the samo evening. A similar coincidence occurred last year. This is one of the times when one would gladly occupy two places at the same time.

Phil Kessler has, as assistant manager of his department in the Cut Flower Exchange, Wm. C. Duncan, of Astoria, L. I.

Victor Dorval is sending some superb jonquils to the Exchange and Wm. Adam, of Great Neck, L. I., maintains his reputation as an expert grower of freesia.

The Cut Flower Co. and the Cut Flower Exchange, both of the Coogan building, have some expert bowlers on their lists and a match game is on the tapis next week between their representatives.

John Donaldson has been on the sick list during the past week. His son, Alexander, has charge in his father's absence.

Mrs. E. C. Matthes, of Woodside, who has been visiting Germany for her health, has returned greatly benefited by the journey.

Mrs. Charles Ulrich, of Astoria, L. I., died last week of pneumonia.

Julius Roehrs, Sr., is rapidly recovering from bronchial pneumonia and John N. May, of Summit, is reported much better and out of danger. Both were dangerously ill.

Peter Riedel, of the old firm of Riedel & Spicer, and lately with Fleischman, is now in the employ of Alex. J. Guttman.

The meeting of the board of directors of the Cut Flower Exchange on the first Saturday of each month will hereafter be held in Room 105 on the first floor of the Coogan building.

Mr. Nash announces, to the credit of the Road Wagon Summit Express, that through all the storms and severe cold of the holiday weeks it was never a minute behind its schedule time.

Mr. Moore, of Summit, of the firm of Moore, Hentz & Nash, is ill with the grippe and his expert grower, Mr. Stollery, is also hors du combat from a similar cause.

Mr. Dacre, with Young & Nugent, will leave for old Point Comfort on January 21 for two weeks of well earned recuperation.

A fire at Warrendorf's, 1193 Broadway, caused quite a commotion on Twenty-eighth street and in the wholesale district last Tuesday and at the Third avenue theatre, which is next door to his store. The loss was small.

Geo. Burnett has opened a seed and bulb business in Jersey City. He has been in the service of Weeber & Don for many years.

Robert Craig, of Philadelphia, was in the city on Saturday, looking younger and happier than for many years. He says he "has a new stomach" and he looks it. We could ill spare "the silver tongued orator" and his friends hope his new lease on youth may have the privilege of renewal for many a year to come.

Bowling.

The New York Bowling Club commenced business again on Monday afternoon. A communication was read from John Birnie, secretary at Hoboken, announcing the evening selected for the

WILD SMILAX!

"PARLOR BRAND"

Best goods coming out of the south. A supply constantly on hand for shipment on telegraphic orders.

25 lb. case..... $3 00
35 lb. case..... 4 00
50 lb. case..... 5 00

"Green Goods" of all kinds, Mahonia, Leucothoe, Galax, Ferns.

Current Price List.

Subject to change without notice.

BEAUTIES—	Per doz.
30-36-inch stem	$4 00 to $5 00
24-inch stem	3 00
20-inch stem	2 50
15-inch stem	2 00
12-inch stem	1 50
Short stem	75 to 1 00
	Per 100
BRIDES	$4 00 to $12 00
BRIDESMAIDS	4 00 to 12 00
GOLDEN GATES	4 00 to 12 00

	Per 100
METEORS	$4 00 to $12 00
LIBERTIES	6 00 to 15 00
CARNATIONS, ordinary	1 50 to 2 00
" fancy	3 00 to 5 00
VIOLETS	75 to 1 00
CALLAS..per doz., $1 50	
PAPER WHITES	3 00
ROMANS	3 00
STEVIA	1 50

	Per 100
VALLEY	$2 00 to $4 00
ASPARAGUS, strings	50 00
" Sprengeri	2 00 to 5 00
FERNS...per 1000, $2 00	25
GALAX, gr., 1000, 1 25	15
" br., " 1 50	20
ADIANTUM	1 00
SMILAX..per doz., $1 50	
LEUCOTHOE	75

WE HAVE A REPUTATION FOR FILLING ORDERS WHEN ALL OTHERS FAIL.

KENNICOTT BROS. CO.

Wholesale Commission Florists

40-42-44 Randolph Street, CHICAGO

L. D. Phone Central 466.

Mention The Review when you write.

return match with the Hoboken Club, as Saturday, January 14. Messrs. Duckham and Totty, of the Madison club, were present and arrangements were made for the next contest between New York and Madison at the New York Club's alleys on Friday evening, January 27. The scores of Monday afternoon were:

Burns	137	162	133	160
Siebrecht	155	117	153	130
Guttman	150	123	158	100
Manda	173	167	134	
Lang	153	167	168	
Shaw	127	144	141	
Kessler	183	116	120	
Pepper	79	72	90	
Holt	139	125		
Roehrs	120	145		
Duckham	132	122		
Totty	101			
Smith	130			

J. AUSTIN SHAW.

HERE is a dollar; the REVIEW is worth a great deal more to me.—THOS. TROUGHTON, Merrimac, Mass.

I LIKE the REVIEW very much and look for its coming every week.—CLAUDE WILSON, Dobbs Ferry, N. Y.

PHILADELPHIA.

The Market.

We are passing through a period of depression, with great quantities of flowers on the street at ridiculously low prices. Carnations suffer most, with valley, Paper Whites, other bulbous flowers and violets coming next. The fakirs bought eagerly but found it extremely difficult to unload, there being little demand. People have given their presents and are not spending money now, barring a few entertainments.

The First Assembly.

Philadelphia broke away from her old traditions when the first Assembly Ball, held last Friday evening, was transferred from the Academy of Music to the new Bellevue-Stratford Hotel. The ball room is a magnificent affair, affording great opportunities for the decorators, J. J. Habermehl's Sons, to show their skill, of which they took full advantage. The stage was decorated in white, Easter lilies and lilacs being freely used. Azaleas, poinsettias, Beauties and choice specimen palms were features of the ball room and approaches, the idea being to use only the finest material and to use it in moderation. The effect was dazzlingly brilliant.

The Florists' Club.

The January meeting of the club was marred by the snow storm, which raged with the fierceness of a blizzard. The attendance was meager, even the usually reliable secretary being among the absent, and with him, unfortunately, were the books of record.

In direct contrast to the shortcomings of the home florists, two out-of-town growers braved the storm to be present. They were C. W. Ward, of Queens, Long Island, and J. L. Dillon, of Bloomsburg. The former brought some half-dozen bunches of his finest seedlings, among them Robert Craig, the famous scarlet, and a white of extraordinary size. Mr. Dillon brought a bunch of Crisis, his fine scarlet.

These notes may seem a little meager.

WHITE LAWSON

Which we introduced last season has given great satisfaction, and has proved to be

THE FINEST WHITE CARNATION EVER SENT OUT

Remember that we are headquarters for it. The demand will undoubtedly exceed the supply this season, and in order to secure early delivery, no time should be lost in placing order. We are now booking orders for early January delivery. Orders will be filled strictly in rotation, as received, so the earlier orders are booked, the earlier deliveries can be made. We can supply

First-class strong rooted cuttings, $7.00 per 100; $60.00 per 1000.

Also all the other novelties of the season, **FIANCEE, CARDINAL, FRED BURKI, etc.**

Also the cream of the older sorts, **Mrs. M. A. Patten, Daheim, Enchantress, Flamingo, Mrs. Thos. W. Lawson, etc.**

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

They hardly do justice to the subject, but 'tis a melancholy fact that Phil, too, was away that night, he being very much afraid that if he got into town he would have to stay there or walk all the way out.

Germantown Horticultural Society.

James G. Scott read an interesting paper, historical and humorous, on Asplenium Ebenoides, discovered by his father near Pencoyd, Pa., in 1862, before the January meeting of the Germantown Horticultural Society last Monday evening. He received a hearty vote of thanks. The election of officers resulted in but one change. The society is in excellent shape, thanks to the able and conscientious work of the president, Edward Neville, and the secretary and treasurer, George Redles. Mr. Neville, who has served seven years as president, was presented with a bouquet of floral gems in the shape of fifty of the Stratford Flower Farm's selected carnations in variety.

An Average Price.

David Rust, in a paragraph published recently in the Florists' Exchange, states that a large buyer of cut flowers told him that he purchased one dozen American Beauties in Baltimore on December 24 for $30 and that on December 28, he purchased from the New York Cut Flower Co. a dozen American Beauties that were as good and probably fresher for $3.80. Commenting on this, Mr. Rust says that while the first price was too high, the second was too low and that high prices are a detriment to the cut flower business. The natural inference to be drawn from the above statement is that were the growers and sellers of cut flowers less avaricious they would be better off. Is this really true? I don't think so. Personally I would greatly prefer an average price, or at least that prices should not fluctuate so tremendously, and so, I think, would a large majority of the growers and sellers of cut flowers, but there are certain facts that prevent this desirable end.

Take the case quoted, that of American Beauties. Last season several of the cleverest growers of this rose confessed to me that they had not made money. This season prices through the fall were not as good as last season. Owing to the bad weather the supply at Christmas fell below expectations and prices were high. Despite these high prices a great many more could have been sold. I do not think the buyer referred to can realize the thought, care and hard, honest work required to bring Beauties into crop at Christmas when conditions are unfavorable. Regarding the prices quoted, the wholesale price in this city on December 24 was $15 a dozen and on December 28, $9 a dozen. The retailers' profit is a question that does not concern florists in general, but if the buyer bought "specials" in New York at $3.80 on the date given he got them fifty per cent under the listed price in that city. It is probable, however, that the buyer got "specials" in Baltimore and No. 1 or No. 2 in New York.

Various Notes.

William H. Wyatt went up to Harrisburg last week with a number of big Beauty orders for the opening of the legislature.

J. A. Smith, of the H. F. Michell Co., states that advance orders for florists' seeds are keeping the force busy.

Lit Bros., a department store, bought carnations freely on Friday, their first venture of the kind, and sold them on Saturday at 15 to 18 cents a dozen and on Monday at 10 to 12 cents a dozen.

The fakirs have been buying carnations from $2.50 to $5 a thousand and do not appear to be making money. The bad time won't last long.

William A. Walton, of Oxford, Pa., one of the Flower Market growers, has purchased a farm in that carnation center.

Eugene Bernheimer received his first freesias on Monday. He is getting a nice lot of white and pink sweet peas. Mr. Bernheimer believes that among the causes of the carnation glut are that nearly everybody's plants are doing well. Last season, when plants were less vigorous, there was no overproduction during the fortnight succeeding the holidays.

Hugh Graham had good crops of Beauties, Liberties and carnations for the holidays from his place at Logan. Mr. Graham believes the plant trade, both at Christmas and at Easter, has a great future.

Phil was fortunate to run across the senior member of the firm of the premier rose growers at the Flower Market this week. Mr. Myers was selling as his partner was ill. He stated they had cut 20,000 Beauties in December and had filled some big orders.

The Philadelphia Cut Flower Co. is receiving some nice Kaiserins, quite a rarity now, and white lilac.

As the REVIEW goes to press J. J. Habermehl's Sons are arranging the decorations for the Morrocco Club. Lifelike goats and kids disporting themselves on miniature mountains in the center of a hollow oval table will be a feature.

M. Rice & Co. are very much elated over the fact that they were able to land a large shipment of cycas leaves before the duty was increased, which means a material increase in the price of this much used article when this lot is gone.

A Holiday Problem.

[Respectfully dedicated to K., sometime styled the Thorley of Philadelphia, and to G. C. W., a man of parts.]

The pretty girl's smile faded away
At the awful prices she had to pay
For Christmas flowers so bright and gay.
Thorley says, Thorley says.

Choice cut flowers appealed in vain;
She turned from Beauties with proud disdain,
Bought Begonia Gloire de Lorraine,
Thorley says, Thorley says.

Jerusalem cherries were soon done,
Scotty ferns had a lively run;
Of poinsettias left, there were none,
Thorley says, Thorley says.

How the storm king whistled and blew;
Plants needed wax and tissue, too;
Plenty of work for the tired crew,
Thorley says, Thorley says.

'Tis sad in this wicked world of ours,
Mischief might of evil powers
Causes strange antics in fragile flowers,
Thorley says, Thorley says.

THE SOLUTION.

In nineteen five how would it do
To fix one price the whole year through;
Abstain from salt and sugar. You
Might send the fakirs to Timbuctoo,
G. C. says, G. C. says.

PHIL.

HERE is another dollar; the REVIEW is all one could ask. The Pronouncing Dictionary is what I have wanted for a long time.—W. N. THARP, Liberty, Ind.

J. M. THORBURN & CO.

HAVE BEEN AWARDED

2 Grand Prizes

AT THE

St. Louis Exposition

We have been officially notified that we have been awarded the

GRAND PRIZE

(THE HIGHEST POSSIBLE HONOR)
for the collection of

VEGETABLES

Grown from our seeds and another GRAND PRIZE for our collection of

SEEDS

Our Special Price List for Florists

is now ready, and will be mailed on application. It contains the finest selected stocks of Flower Seeds for Florists, such as Asparagus Plumosus Nanus, Cinerarias, Calceolarias, Cobaea Scandens, Cyclamen Giganteum, Double Daisy, Myosotis Alpestris, Lobelia, Nasturtium, Pansy, Primula Chinensis, Primula Stellata, Salvia Splendens, Stocks, Sweet Peas; also

NICOTIANA SANDERAE

In original packets, $1.75 per dozen; $11.00 per 100.

BULBS for Spring Planting

Tuberous Begonias, Amaryllis, new large-flowered Japan Iris, Lilium Auratum and Melpomene, etc. **We are offering this year the**

Grand New Potato, NOROTON BEAUTY

the most valuable ever introduced. Full description and the opinions of eminent authorities who have tested it are given in our catalogue.

J. M. THORBURN & CO.

Seed Growers and Merchants,

36 Cortlandt St. - New York

Over 100 Years in the Business.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

FOR beans, $11 and $12 per bushel is asked. Rather startling prices.

THE Christmas rain at Santa Clara, Cal., was worth a great deal to the seed growers.

A GOOD strain of greenhouse radish seed is in brisk demand at Chicago at present.

IT is reported that quite a few mail orders are coming from the catalogues that have been mailed.

GEO. A. BURNETT has left Weeber & Don, New York, and will engage in business on his own account.

THE Pacific Coast growers now think they can produce a stock of radish seed equal to the best French strains.

A NEW departure is a seed catalogue issued by Sears, Roebuck & Co., large general mail order people, of Chicago.

THE maximum price at which market gardeners will buy beans freely has been exceeded in most of the current retail catalogues.

THE government's free seeds and the seedsmen's expensive catalogues are reaching a good many people in the same mail.

VISITED CHICAGO:—Joe L. Ullathorne, of the Ullathorne Seed Co., Memphis, Tenn.; Edward H. Morrison, Fairfield, Washington.

FEW seedsmen are taking advantage of the method by which catalogues may be mailed in bulk. The game doesn't appear to be worth the candle.

IT is a question in the minds of some of the leading seedsmen whether a very early or a belated issue of a retail catalogue brings the most business.

WORCESTER, MASS.—W. W. Rawson, the Boston seedsman and market gardener, will address the Worcester County Horticultural Society on February 2, subject, "Fertilizers."

THE executive committee of the Seed Trade Association was in session at Cincinnati on Tuesday of this week, making plans for the June convention on the St. Lawrence.

SAYS W. Atlee Burpee: "No one house should attempt to reach all classes of customers. So long as the world endures there will be both 'quality buyers' and 'price buyers.'"

THE Thorburn catalogue is never excelled for typographical excellence, and the one hundred and fourth annual issue, dated 1905, is up to the best of its predecessors. The cover is a model.

J. M. KIMBERLIN DEAD.

James Monroe Kimberlin, head of the important seed growing firm of J. M. Kimberlin & Co., Santa Clara, Cal.,

passed away December 26, after an illness of two years, the result of a stroke of paralysis. A second attack seized him on December 22, after which he was conscious except for an interval just before his death, but unable to talk. L. M. Kimberlin, a son, was on a trip among the trade in the east and was reached by wire at Kansas City. He arrived home twenty-four hours after his father passed away. The funeral was held December 28, many California seed growers attending.

Mr. Kimberlin was born in Virginia January 20, 1828. He graduated with honors from Dickinson College, and at the age of 24 married and removed to California, journeying by the Isthmus. Mr. Kimberlin became an instructor in the San Jose Academy, and later was professor of languages in the University of the Pacific, at that time located at Santa Clara. Forty years ago he found it necessary to seek outdoor occupation and turned to the then unexplored business of seed growing. To him may justly be given credit for blazing the trail which has now been widened to a great highway, It was a slow matter to build up confidence in the east, not so much in the grower as in the seeds resulting under Californian conditions, but that problem solved, the business has developed steadily until today thousands of acres in Santa Clara and Kern counties are producing seeds to be sent out under the Kimberlin label. Their crops cover the whole range of items for which California is looked to as the main source of supply. Onions, lettuces and sweet peas are the principal acreages.

Mr. and Mrs. Kimberlin had nine children, two of whom have passed away. Three sons, C. R., L. M. and H. V. Kimberlin, are associated with the business, and, indeed, it has been practically in their charge for several years. They will continue it without change of policy.

By a decree of fate, Mr. Kimberlin passed away on the first anniversary of the day his companion on fifty-one years' of life's journey was laid at rest in the churchyard where both now sleep.

CATALOGUES RECEIVED.

Iowa Seed Co., Des Moines, Ia., seeds; Wm. Elliott & Sons, New York, seeds; Ford Seed Co., Ravenna, O., seeds; Peter Henderson & Co., New York, seeds and plants; F. C. Pomrencke, Altona-Hamburg, Germany, seeds; G. & J. W. Ludwig, Allegheny, Pa., floral designs; H. A. Terry, Crescent, Ia., peonies; Stumpp & Walter Co., New York, seeds; A. N. Pierson, Cromwell, Conn., plants; J. M. Thorburn & Co., New York, seeds; W. W. Barnard & Co., Chicago, flower seeds; F. E. Conine, Stratford, Conn., nursery stock.

BETTER THAN EVER.

We would like to say that our advertisement in the Review for the last three months is paying us even better than it ever did; it reaches our customers. California Carnation Co.
Loomis, Cal.

I should like to have my subscription begin with the issue in which Brian Boru gave his notes on commercial varieties of chrysanthemums; I am very much pleased with what he has to say on the subject.—J. A. Sheaff, Fairbury, Ill.

ANNOUNCEMENT
New York, January 9th, '05
We beg to announce to our friends and customers that Harry A. Bunyard and Arthur T. Boddington no longer represent our firm, or have any authority to solicit orders or transact business of any kind whatever in our behalf.
CLUCAS & BODDINGTON CO.
R. W. Clucas, President.
812-814 Greenwich St., New York.
Palisade Nurseries,
Sparkill, N. Y.

Mention The Review when you write.

LEONARD SEED CO.
WRITE FOR PRICES WE ARE HEADQUARTERS FOR ONION SETS
Flower Seeds and Bulbs
WHOLESALE SEED GROWERS
Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now.
BEANS, PEAS AND GARDEN SEEDS. Write for Prices.
CHICAGO

Mention The Review when you write.

Burpee's Seeds Grow

Mention The Review when you write.

HAVING BEEN AWARDED THE GRAND PRIZE
For My Exhibition of GLADIOLI At the World's Fair
it is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. Groff's Hybrids and other sorts the best obtainable.
Write for Catalogue. ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.

RUSSIAN LILY OF THE VALLEY
Per 1000..... $ 15 00
Per 2500..... 32 00
Per 10000..... 125 00
THE BEST FOR EARLY OR LATE FORCING.
STUMPP & WALTER CO.
Branch, 404 E. 34th St. 50 BARCLAY ST., NEW YORK.

Mention The Review when you write.

D. RUSCONI
Importer of Bulbs, Plants and Shrubbery.
——Has a full line of——
Lil. Auratum, Rhododendrons,
Lil. Roseum, Azalea Mollis,
Lil. Rubrum, Roses, home grown and imp't'd.
Lil. Album, Spiraea and Amaryllis Johnsoni, mammoth bulbs. Write for Prices.
32 W. 6TH STREET, CINCINNATI, OHIO
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Howard's Verbena Seed
We desire to call the attention of Florists who raise Verbena Plants from seed to our "ROYAL SPLENDOR" strain of Verbenas, which is the result of many years' improvement in selecting only the largest flowers, brightest colors and most pleasing hues, from vigorous, compact, free blooming plants.
EVIDENCE OF QUALITY:
Fond du Lac, Wis., Feb. 2, 1904.
A. B. Howard & Son—Please send me by return mail 3 trade pkts. of your R. Sp. Verbena Seed. Your Verbena Seed produced the finest variety of Verbenas I ever saw. E. Haentze, Florist.
Choice mixed colors, per trade pkt., 35c.
A. B. Howard & Son, Belchertown, Mass.
Mention The Review when you write.

The Review is all right; you are certainly alive to the interests of the florists and your advertisers; keep it up.—S. M. Harbison, Danville, Ky.

Two Grand New Asters

Benthey's White
Benthey's Pink

The Seed of the Two Varieties is ready for distribution now.

PRICE LIST

TRADE PACKAGE	**$1 00**
¼ OUNCE, White or Pink	**2 50**
½ OUNCE, " "	**4 50**
1 OUNCE, " "	**8 00**

For further information write

The Benthey-Coatsworth Co.
35 Randolph St., Chicago.

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RALPH M. WARD & CO.
Exporters and Importers
17 Battery Place, NEW YORK
Horseshoe Brand **Bulbs, Plants.**
Valley our Specialty Cold Storage Pips Always on Hand.

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Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.

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RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST
Catalogues Mailed Free.
W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

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NOW is the time to plant **Tuberous Begonias** for Easter Blooming.
We will mail for $1.00, 15 single mixed and 12 double mixed, or 15 single separate colors and 10 double separate colors. All in extra fine quality bulbs.

HUBERT & CO.,
N. Le PAGE. MT. VERNON, N. Y.

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BRUNS' Extra Fine BERLIN PIPS

for early forcing give satisfaction. This stock is unsurpassed.

$1.25 per 100; $12.00 per 1000.
$29.00 per case of 2500.

Finest Cut Valley always on hand at Chicago market prices.

H. N. BRUNS, 1408-1411 W. Madison St., **CHICAGO.**

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ROCHESTER N. Y.

Lithographing, Printing, Engraving, Binding Exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

☞ **UNEQUALLED FACILITIES**

Johnson & Stokes' NEW CROP Flower Seeds For Early Sowing



Tested Seeds of the Highest Quality

	Trade pkt.	Oz.
Ageratum Blue Perfection, dark blue	$0.15	$0.50
Alyssum Little Gem or White Carpet	.10	.25
Asparagus Plumosus Nanus, greenhouse-grown, per 100 seeds, 75c; per 1000 seeds, $5.00; per 5000 seeds, $23.00.		
Asparagus Sprengeri, per 100 seeds, 15c; per 1,000 seeds, 75c.		
Candytuft, Empress, pure white	.10	.15
Candytuft, Giant Hyacinth Flowered, white	.10	.20
Clematis Paniculata, per lb., $3.50	.10	.40
Carnation, Marguerite, choice mixed	.20	.75
Centaurea Gymnocarpa, 1000 seeds, 15c		.35
Centaurea Candidissima, " " 25c		1.25
Cobaea Scandens, purple	.10	.25
Cyclamen, English Prize, mixed, (from show varieties unsurpassed), per 100 seeds, 75c; per 1,000 seeds, $6.00.		
Lobelia Crystal Palace Compacta	.25	1.25
Petunia Giants of California	.50	
Petunia, J. & S. Choice Double Fringed, per 500 seeds, 75c; 1,000 seeds, $1.50.		
Petunia, J. & S. Giant Single Fringed	.50	
Petunia, Dwarf Inimitable (nana compacta), fine for pots	.25	1.25
Pyrethrum Aureum	.10	.25
Salvia Splendens Bonfire	.30	2.00

	Per 1000 seeds.	Oz.
Mammoth Verbena Seed, mixed	$0.20	$1.00
Mammoth Verbena Seed, white, pink, scarlet and purple	.25	1.25

	Trade pkt.	Oz.
Stock, Dwarf, Separate Colors	$0.25	$1.75
Stock, Dwarf Large Flowering, 10 weeks, mixed	.25	2.00
Stock, Princess Alice (Cut and Come Again	.30	2 50
Smilax (New Crop), per lb., $2.00	.10	.20
Thunbergia, finest mixed	.10	.35

POPULAR PANSIES

	Trade pkt. 2000 seeds.	Per oz.
Johnson & Stokes' Kingly Collection of Giant Pansies, mixed. This superb collection cannot be surpassed for size, shape, markings, substance or richness of color of the flowers. ½ trade packet, 30c	$0.50	$5 00
Madam Perret. New, unique, reddish brown	.40	3.00
Belgian Striped	.20	.75
Black (Faust)	.20	.75
Bronze	.20	.75
Bugnot's Large Blotched	.50	4.00
Emperor Frederick (new) dark red	.20	.75
Emperor William, ultramarine blue	.20	.75
English Large Flowering, fine mixed	.25	1.00
Fire Dragon, fiery orange and bronze	.20	.75
French, large flowering, finest mixed	.20	.80
Lord Beaconsfield, deep purple violet	.20	.75
Odier, extra large blotched, rich colors	.30	2.00
Prince Bismarck, beautiful golden bronze	.20	.75
Quadricolor, or Pheasant's Eye (rainbow)	$0.20	$0.75
Snow Queen, satiny white	.20	.75
Striped and Mottled, large flowered	.20	.75
Improved Giant Trimardeau, mixed	.25	1.00
Improved Giant Trimardeau, separate colors	.25	1.25
Cassier's Giant, five blotched	.40	3.00
Masterpiece, a new large blotched variety with curled petals of compact habit, great substance, and containing many rich colors	.40	3.50
Meteor (new), bright brown	.20	.75
Peacock, ultramarine blue, deep claret and white	.20	.75
Red Victoria (new), very fine	.25	1.00
White, pure	.20	.75
Yellow, pure	.20	.75
Fine, mixed	.15	.60
Fine English, mixed	.20	.75
Imperial German, mixed	.30	2.00

JOHNSON & STOKES, 217-219 Market Street, PHILADELPHIA.

Mention The Review when you write.

Carlson Improved

ASTER SEED

Pure Strain. Recognized as the leading Aster for Cut Stock. No disease. N"o yellows."

EARLY WHITE	Trade pkt.,	25c;	¼ ounce.,	50c;	ounce.,	$1.50
LATE WHITE	"	25c	"	50c	"	1.50
SHELL PINK	"	25c	"	50c	"	1.50
LAVENDER	"	25c	"	50c	"	1.50

Order early to insure getting all colors.

E. H. Hunt, 76-78 Wabash Ave., Chicago

Mention The Review when you write.

NEW CROP FLOWER SEEDS

Just received from our American and European growers **Asparagus Plumosus Nanus,** greenhouse grown seeds, no last season's seed mixed in; price 100 seeds 75c., 1000 seeds $6.50. **Aster,** Queen of the Market, colors, dark and light blue, pink, scarlet, white and mixed all colors; 20c. a trade packet; 60c. an ounce. **Petunias,** single grandiflora, fringed, 50c. a trade packet; 1-16 ounce $2.50. **Petunias,** double fringed mixed; 500 seeds 75c.; 1000 seeds $1.50. **Phlox Drummondi,** dwarf, in separate colors; 50c. a trade packet; $2.25 an ounce; all colors mixed, 40c. a trade packet, $1.75 an ounce. **Salvia Bonfire,** 40c. a trade packet, $2.50 an ounce. **Verbena,** Michell's Mammoth fancy strains, separate colors; 30c. a trade packet, $1.50 an ounce, also mixed at same price.

Send for wholesale seed catalogue.

HENRY F. MICHELL CO., 1018 Market St., PHILADELPHIA.

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

E. J. LEWIS, Cresco, Ia., has bought a ten-acre tract, and will start a nursery.

H. A. TERRY, Crescent, Ia., states in his 1905 price list that he has been raising seedling peonies for thirty-four years.

W. R. CARR, nurseryman, Yellow Springs, O., has filed a petition in bankruptcy, scheduling liabilities of $30,000 and no assets.

THE Wisconsin State Horticultural Society will hold its annual convention at Madison, February 7 to 11. There is an interesting program.

N. W. HALE, nurseryman and congressman, presided at a meeting at Nashville, January 2, at which the Tennessee State Horticultural Society was organized.

JACKSON & PERKINS CO., Newark, N. Y., state that the demand for Manetti stocks has been so great that their importation has been entirely engaged for some time.

THE American Association of Park Superintendents has issued a bulletin dealing exhaustively and authoritatively with the building and maintenance of park roads and walks.

THE entomologist of the state of Minnesota is preparing a preliminary report on experiments to control the leaf hopper, which is reported to have done considerable damage in nurseries. The entomological officer is very frequently called upon in Minnesota, having received more than 1,000 inquiries with regard to the identity and methods of controlling insect pests during the past year.

THE Chicago Branch of the Woman's Outdoor Art League of the American Civic Association will apply for a divorce from the parent body, and one of the reasons alleged is that J. Horace McFarland, president of the Civic Association, "wanted us to plant fruit trees in the streets of Chicago, and we thought it was about time to call a halt." Another reason is that three-fourths of the dues go to support "higher" organizations and all that comes back is such advice as that quoted above.

TREES

Fruit Trees, Small Fruits, Ornamental Trees, Evergreens and Shrubs, Shade Trees, Hardy Roses, Hardy Plants, Climbers, etc. The most complete collections in this country.

Gold Medal—Paris—Pan American—St. Louis. 102 prizes New York State Fair, 1904.

Illustrated Descriptive Catalogue FREE on Request.

ELLWANGER & BARRY

Mt. Hope Nurseries, Rochester, N. Y.

Drawer 1044 W. Established 65 Years.

Mention The Review when you write.

Attention!! Just Arrived!

	Per 100.
Boxwood pyramids, 4-ft	$150.00
" " 3-ft	100.00
" for pots, fine stock	25.00
Rhododendrons, hybrids, for forcing	50.00
" " larger size, $75.00 &	100.00
Azalea mollis, well budded	25.00
" " standards	50.00
" " " extra	75.00
Deutzia gracilis, fine stock	13.00
" Lemoinei	15.00
Hydrangea pan. grandifl	15.00
Lilacs, leading var	45.00
Aristolochia Sipho, extra fine	45.00

	Per 100.
Dielytra spectabilis, fine roots	$ 7.50
Magnolia in var., large plant	150.00

ROSES

Crimson Rambler, extra	$15.00

H. B., etc., roses, as long as stock on hand, per 100, $10 00, in the following varieties: Ulrich Brunner, American Beauty, Anne de Diesbach, Baronne de Rothschild, Coquette des Alpes, General Jacqueminot, General Washington, La France, Mabel Morrison, Magna Charta, Mrs. John Laing, Prince C. de Rohan, Paul Neyron, Paeonia, Reine, Marie Henrietta, etc.

SPECIMEN PLANTS of Picea pungens glauca Koster and other varieties always on hand.

Special low prices on all surplus bulb stock, azaleas, camellias, etc., cheerfully given by

F. W. O. SCHMITZ, Prince Bay, N. Y.

Mention The Review when you write.

AUG. RHOTERT, 26 Barclay St. NEW YORK.

JUST RECEIVED, 75 BALES OF **EXTRA SELECTED RAFFIA FIBRE**

Fresh importation of white, long and strong Fibre in twisted hampers.

RAFFIA—G. H. R.—BRAND

Apply for Wholesale Rates. Sold in Bale Lots of 220 lbs. only.

Importer of ENGLISH and FRENCH **MANETTI-STOCKS**

Strongly rooted, one-year-old thrifty and smooth cuttings for **Successful Rose Grafting.**

Mention The Review when you write.

VAN DER WEIJDEN & CO.,

"The Nurseries," BOSKOOP, HOLLAND,

Have to offer EXTRA FINE Blue Spruces (Koster) from 2 to 5 ft. high. Taxus in all sizes. Conifers, hardy shrubs. H. P. Standard and Dwarf Roses. Crimson Rambler, etc., etc. Strictly first-class. Moderate prices.

Catalogue free on demand. No agents. For the trade only.

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Crimson Ramblers

2 years, $12.00 per 100.

Our own growing. On their own roots.

Considerable stock of other roses; field-grown, dormant plants; on own roots and budded.

JACKSON & PERKINS CO., Newark, New York.

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W. & T. SMITH COMPANY

GENEVA, N. Y.

Wholesale Growers of **ORNAMENTAL TREES,** Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety

Send for our Wholesale Price List.

Mention The Review when you write.

EVERGREEN.

An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

HARDY NATIVE PENNSYLVANIA Rhododendrons

Large clumps 2 to 6 feet high, finest stock of Hardy Forest Rhododendrons in the United States, especially suited for planting on fancy lawns and large estates. Large orders especially solicited; can furnish 100 car loads; prices right.

Also 200,000 Extra Fine Apple Trees

Very cheap. A fine lot of

Plum, Pear, Peach, Cherry and Quince

at reasonable prices. Also a full line of small fruits. We solicit your inquiry and order, address

THE RIVERSIDE NURSERIES, Confluence, Pa.

Mention The Review when you write.

"BEAUTIFUL GROUNDS"

An illustrated Manual containing suggestions on Lawn Making, Planting and care of Shrubs and Trees, with names and descriptions of varieties hardy and of merit. Also information regarding Landscape Plans, Topographical Surveys, etc. A book you will often refer to. Send for it to-day. Free on application.

Peterson Nursery, 504 W. Peterson Ave., Chicago, Ill.

Mention The Review when you write.

ROSES FOR SPRING BLOOMING

The proper sorts. Clothilde Soupert, General Jacqueminot, Ulrich Brunner, La France, Magna Charta, Crimson Rambler, etc.; fine field-grown plants that have never been forced, suitable for 5-in. pots, at 7c; larger for 6-in., at 12c. Crimson Rambler, XXX, long tops, 20c. Large flowered Clematis, finest purple, lavender, white and red sorts—2-year, at 18c; 1-year, at 9c. Hydrangea pan. grand., fine bushy plants, 8c. Other shrubs, etc., in cellar, priced on application. Packing free for cash. **W. H. SALTER, Rochester, N. Y.**

Mention The Review when you write.

SIGMUND GELLER,

FLORISTS' SUPPLIES AND RIBBONS

108 W. 28th St., NEW YORK CITY.

—HEADQUARTERS FOR NOVELTIES—

Mention The Review when you write.

We Produce First Grade Stock in Such Great Quantities that

WE CAN FILL SHIPPING ORDERS

FOR SELECT STOCK AT ANY TIME.

AMERICAN BEAUTY—			Bridesmaid	per 100,	$6.00 to 10.00
Extra long stem	per doz.,	$4.00 to $5.00	Bride	"	6.00 to 10.00
30-inch stem	"	3.00	Golden Gate	"	6.00 to 10.00
24-inch stem	"	2.50	Chatenay	"	6.00 to 10.00
20-inch stem	"	2.00	Liberty	"	6.00 to 12.00
15-inch stem	"	1.50	Meteor	"	6.00 to 10.00
12-inch stem	"	1.25	Carnations, good	"	2.00 to 3.00
8-inch stem	"	.75	" fancy	"	4.00

All other stock at lowest market rates—No charge for packing. Prices subject to change without notice.

WIETOR BROS. 51 Wabash Avenue CHICAGO.

Mention The Review when you write.



A

Daily Cut

from

40 to 50 Growers

We can and will fill your Cut Flower wants to advantage.

Plenty of BEAUTIES, MAIDS, BRIDES, etc.
CARNATIONS, VIOLETS,
BULBOUS STOCK, etc.
ALL GRADES.

Shipping orders our specialty. Write, telephone or telegraph.

Long Distance Phone 1129 Main.

Headquarters for HARDY FERNS and WILD SMILAX.

Most complete line of

FLORISTS' SUPPLIES

IN THE WEST.

—— CATALOGUE FREE ——

E. F. WINTERSON CO.

Established 1894.

45-47-49 Wabash Ave., CHICAGO.

Mention The Review when you write.

DECATUR, ILL.—M. Z. Kellogg is successor to the Decatur Horticultural Co., recently dissolved.

OMAHA, NEB.—Fire caused by an overheated stove did some damage January 8 in the store of Alfred Donaghue.

PEORIA, ILL.—J. W. Walker, of Kuhl's, has been at Cambridge, Mich., to attend the funeral of his mother, who died suddenly January 2, aged 83 years.

NEWBURG, N. Y.—R. H. Cathcart, who bought the Wait establishment, has also bought a farm just outside of town, where he will put up a range of houses in the spring.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED—A situation by an all-round grower and designer, with a reliable firm; best of references. Address H. Schwarz, 355 North St., New Bedford, Mass.

WANTED—Hot water boiler for soft coal, capacity to carry upward of 1600 feet of 4-in. pipe; must be in good shape and guaranteed serviceably sound. Reply with full description and make lowest price delivered. J. T. Cherry, Athens, Ill.

WANTED—A good florist to take half interest in a greenhouse plant of 4,000 feet of glass, with room to enlarge; good location, surrounded by four cities. Apply or address W. H. S., Box 8, Berlin, Conn.

WANTED—Two young men as assistants for greenhouse work; wages $10.00 per week; apply with references. Address J. A. Peterson, McHenry Ave., Cincinnati, Ohio.

WANTED—A reliable working foreman to take charge of medium sized commercial greenhouses, to grow cut flowers and plants for a retail store trade; state wages. Address Mrs. Fred. J. King, Ottawa, Ill.

WANTED—A first-class rose and carnation grower; must be a first-class man and furnish references as to character and ability; good wages and permanent place. Address No. 111, care Florists' Review, Chicago.

FOR SALE—One Kroeschell No. 2 hot water boiler, and pipes from house 20x200. W. F. Dunteman, Bensenville, Ill.

SITUATION WANTED—By practical all-round florist; German; 14 years' experience; a steady situation with chance to rent; west or southwest preferred. Address No. 112, care Florists' Review, Chicago.

WANTED—At once, experienced man; retail place of 7,000 feet of glass; wages $50.00 per month. Address with references F. B. Tinker, Peru, Indiana.

SITUATION WANTED—By a practical all-round grower to manage a small place; middle-aged; single; state wages. Address Wm. Kirkham, 154 South Clark St., Chicago, Ill.

FOR SALE—To settle estate; Tripple greenhouses; fully stocked; up-to-date; retail trade extra fine; center of city of 35,000. Address H. C. Pickhardt, Meriden, Conn.

WANTED—A young florist to take charge of 4000 feet of glass; must be competent, sober and a worker; a single man preferred. For particulars write, giving references to J. W. Margrave & Co., Hiawatha, Kan.

WANTED—A good all around florist, elderly gentleman and single preferred; must be sober and understand how to grow a general line of plants. Address No. 107, care Florists' Review, Chicago.

WANTED—At once, a good, willing, up-to-date florist, of good habits, for our new retail store and show rooms; must be a strictly artistic flower worker in every way. This will be a good position for the right person. Address Chas. T. Siebert, 165 Liberty Market, Pittsburg, Pa.

FOR SALE—Florists or market gardeners, do you want the bargain of a lifetime in a good home, in a good city, with a good market, 30 acres of land, good buildings, greenhouse of 7,000 feet of glass; carnations and lettuce. For definite description write W., Box 53, Olney, Ill.

FOR SALE—Very cheap, 2 or 4 medium greenhouses and hot water heating plant, or will rent to desirable party; houses now full; only one in good Michigan county. Address No. 110, care Florists' Review, Chicago.

WANTED—To buy for cash, a greenhouse plant in the middle states, from 4,000 to 10,000 feet of glass in good repair, and doing good business with dwelling house and land. Address No. 109, care Florists' Review, Chicago.

WANTED—I want to lease place of about 10,000 feet of glass in good condition for not less than seven (7) years, before 1st of May; must be good shipping point. Frank McGowan, Utica, N.Y.

SITUATION WANTED—As foreman; good experience in all departments; mums, carnations and roses a specialty; good propagator; Scotch; reference. Address No. 108, care Florists' Review, Chicago.

WANTED—Practical experienced nursery agents in every city; retail; salary or commission; special inducements allowed to those having covered extensive successful territory; references. J. Dobbertin's Son, P. O. Box 388, Rochester, N. Y.

WANTED—A competent young florist to take charge of a small place and fire; will pay $35.00 per month and board. Address W. H. Wright, Vicksburg, Miss.

FOR SALE—Ballard's greenhouse, $750, Perry, Iowa.

FOR SALE—Seven acres of land at Park Ridge, Ill.; fine soil and well adapted for greenhouse purposes. Terms easy. Address A. L. Randall, 19 Randolph St., Chicago.

FOR SALE—Some extra good second-hand 3-in. pipe, guaranteed sound, 6c per foot; also some 4-in.; and small and medium size boilers. W. H. Salter, Rochester, N. Y.

FOR SALE—In a live gas city of 15,000; five greenhouses stocked with roses, carnations and a general assortment of plants; natural gas for fuel, cheapest on earth; seven room house, large grounds, barn, etc. Address A. L. Harmon, Iola, Kan.

Carnation Grower

WANTED—Single, must be a hustler. State wages with board and room in first letter.

F. H. Kramer, 916 F St., N. W. Washington, D. C.

For Sale or Lease Rosemoor Greenhouses

seven in all, with 53 acres of good land in a college town and 40 miles from Cincinnati.

A. T. ROUDEBUSH. Oxford, Ohio.

FOR SALE OR LEASE.

About 7,000 square feet of glass, sash for coldframes, 1½ acres of ground with six-room house, good barn, spring house and other out buildings, located 4 miles from Pittsburg and 4 miles from Allegheny market; 30 minutes by trolley to either place; will sell glass and rent ground, or will sell the business entire, or will sell to a single man and remain on the place and give him board; the houses are stocked and going right along for spring trade; have a good lot of Dutch bulbs in cold frames, also hardy roses (potted up), pansies, daisies, hardy pinks, myosotis, sweet williams, etc. My reason for wishing to dispose of the property is that I am getting old and want to retire from active business. Address

M. NAUMAN, Etna, Pa.

Mention The Review when you write.

PLEASE discontinue my advertisement in the FLORISTS' REVIEW, as the desired result has been attained.—JNO. G. EISELE, Philadelphia.

SAMUEL S. PENNOCK,
Fancy Carnations The Wholesale Florist of Philadelphia
Mention The Review when you write.

The Cleveland Cut Flower Company,
WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.
52 and 54 High Street, CLEVELAND, OHIO.
Mention The Review when you write.

Headquarters for CUT TULIPS AND NOVELTIES
PITTSBURG'S LARGEST AND OLDEST WHOLESALERS.
PITTSBURG CUT FLOWER CO. (Limited) 504 Liberty Ave. Pittsburg, Pa.
WANTED—CONSIGNMENTS OF HIGH GRADE CARNATIONS.
Mention The Review when you write.

ST. LOUIS.

The business among the local retail florists since New Year's has been very quiet and had it not been for a lot of funeral work it could have been called very dull. The social folks are as yet not inclined to give any large "doings," as usual, at this time of the year. Some of the large establishments up town report that they have a few orders booked ahead for the latter part of this month.

Values in the flower market, which have been holding up with a remarkable persistency, have dropped off greatly the past week on all grades, and especially on violets, which can now be bought as low as 50 cents per hundred. There is no glut as yet, but everything is plentiful.

Roses of the extra fancy grade are not any too many for the demand, but the lesser grades in Brides, Maids, Golden Gates, Meteors and Perles are more than enough. In carnations the stock is of extra good quality in all varieties. Prices on fancy are down to 5 cents. The grades behind these run from $1.50 to $3 per hundred. Whites are in big demand. Colored stock is left over each morning in large lots.

In bulbous material our market is greatly overstocked in almost everything in season. A fine lot of Harrisii are coming in now and are down to $12.50 per hundred. Callas are scarce, Romans and Paper Whites very plentiful. Violets have fallen off in demand and the market has had an oversupply the past week in California. Greens in smilax and asparagus sold fairly well.

Will Hucke is back in harness again in Belleville and is sending F. M. Ellis a fine lot of asparagus, which sells well.

Mrs. Buechel, of the Riessen Floral Co., reports that Mr. Buechel will not be able to attend to business until spring, as his broken limb is mending slowly. They have been very busy since the holidays.

Charles Schoenelle of the Ayers Floral Co., is making a collection for the benefit of the family of the late Pat Quinn, who are in need. Subscriptions will be received by any of our wholesalers.

E. W. Guy, of Belleville, spent a day with the trade the past week. He reports trade very satisfactory among the florists in Belleville. Carl Beyer and Frank Ellis were with him in at the windup.

It will probably be news to the florists outside of St. Louis who visited the World's Fair and the famous Tyrolean Alps that the little flower girl, Miss Clotilde Jiricka, was married on Christmas eve to Kenneth H. Bailey, the millionaire china merchant of London, England. They are now on their way across the waters, to the home of the bridegroom. Miss Jiricka was a St. Louis girl and presided the whole season at the flower stand in the Tyrolean Alps, World's Fair grounds.

Visitors in town were: George M. Kellogg, who spent Sunday here, leaving that night for Jefferson City to attend the inauguration of Governor Folk; Judge Vesey, of Fort Wayne, who spent Monday as the guest of Fred Meinhardt; Henry Johann, of Collinsville, who reports sale of part of his land to a coal company.

St. Louis Seed Co., Schisler-Corneli Seed Co. and the Plant Seed Co. are making extensive preparations for a big seed trade this spring. J. J. B.



Cattleyas, per dozen .....$4.00 to $7.50
Cypripediums, per dozen ..... 1.50 to 2.00
Asst. Orchid Sprays, etc., per box 5.00 to 25.00

ORCHIDS
AND
Fancy Cut Flowers
A SPECIALTY.

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ORCHIDS, FANCY VALLEY, VIOLETS, BEAUTIES, TEA ROSES, CARNATIONS. Wild Smilax, Asparagus, Adiantum, Smilax, Fancy Ferns always in abundance. Also a complete line of all Florists' Supplies, Novelties and Wire Work.
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LARGEST GROWER IN THE WORLD.....

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AMERICAN BEAUTIES—	Per doz.
Extra select	$5.00
30-inch stems	3.00
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.25
12-inch stems	1.00
Short stems	$5.00 to $6.00 per 100.
	Per 100
LIBERTY	$4.00 to $15.00
CHATENAY	8.00 to 12.00
" seconds	4.00 to 6.00
MAIDS AND BRIDES	8.00 to 10.00
" " seconds.	4.00 to 6.00
PERLE	4.00 to 8.00
UNCLE JOHN	8.00 to 12.00
" " seconds	4.00 to 6.00
SUNRISE	4.00 to 10.00
CARNATIONS	2.00 to 4.00

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Philadelphia, Jan. 11.

	Per doz.
Beauties, Specials	$9.00
" Extra	$5.00 to 6.00
" Medium	3.00 to 4.00
" Short	2.00 to 2.50
	Per 100
Bride and Bridesmaid, Fancy	10.00 to 15.00
" " Ordinary	4.00 to 6.00
Liberty, Fancy	25.00 to 30.00
" Select	12.00 to 15.00
" Ordinary	5.00 to 8.00
Golden Gate	4.00 to 12.00
Kaiserin	5.00 to 12.00
Sunrise	4.00 to 10.00
Queen of Edgely, Medium	25.00 to 35.00
" " Shorts	12.50 to 18.00
Carnations, Fancy	4.00 to 6.00
" Select	2.50 to 3.00
" Ordinary	1.50
Orchids, Cattleyas	50.00 to 75.00
" Dendrobium Formosum	40.00
" Oncidium	5.00 to 10.00
" Cypripedium	15.00
Adiantum Cuneatum	1.00
" Croweanum	1.50
" Farleyense	10.00
Asparagus Plumosus, Strings	50.00
" Sprays, per bunch	.50
" Sprengeri, per bunch	.50 to .75
Callas	10.00 to 12.50
Daisies, White or Yellow	1.50 to 3.00
Lilium Harrisii	12.50 to 15.00
Mignonette, Fancy	4.00 to 5.00
" Ordinary	2.00
Pansies	.50
Poinsettias	10.00 to 12.50
Paper Whites	2.00 to 3.00
Romans	1.50 to 3.00
Tulips	2.00 to 4.00
Daffodils	4.00 to 6.00
Lilac, White per bunch	1.00
Smilax	12.50 to 15.00
Sweet Peas	.50 to 1.00
" White	2.00
Stevia	1.00
Gardenias	.75
Valley, Fancy	4.00 to 5.00
" Ordinary	2.00 to 3.00
Violets, Double	1.00 to 1.25
" Single	.50 to .75
" White	2.50

LONG may the REVIEW be a welcome and interesting guest to its readers, the craft in general, and a shining light among its contemporaries.—LOUIS BAUSCHER, Freeport, Ill.

JOSEPH HEACOCK

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All varieties of Cut Flowers in season at right prices and of the best quality.
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New York, Jan. 9.

		Per 100
Beauties,	Specials	$50.00 to $60.00
"	Extra	20.00 to 35.00
"	No. 1	10.00 to 15.00
"	Shorts	3.00 to 5.00
Brides and Maids,	Special	10.00 to 15.00
" "	Extra	6.00 to 8.00
" "	No. 1	4.00 to 6.00
" "	No. 2	2.00 to 3.00
Golden Gate		3.00 to 15.00
Liberty		3.00 to 25.00
Mme. Chatenay		4.00 to 15.00
Meteor		3.00 to 6.00
Orchids, Cattleyas		40.00 to 75.00
Cypripediums		6.00 to 12.00
Carnations,	Common	1.50 to 2.00
"	Selects	2.00 to 3.00
"	Fancies	3.00 to 4.00
"	Novelties	5.00 to 8.00
Adiantum Croweanum		.50 to .75
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri		12.00 to 15.00
Lilies		10.00 to 12.00
Lily of the Valley		1.00 to 3.00
Smilax		8.00 to 12.00
Violets		.35 to .75
"	Specials	1.00 to 1.25
Narcissi, Romans		1.00 to 2.00
Callas		8.00 to 12.00
Daisies		.35 to 1.00
Pansies	doz. bunches	.25 to .35
Tulips		2.00 to 3.00
Mignonette		2.00 to 10.00

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GENERAL MANAGER
JOSEPH A. MILLANG 55-57 W. 26TH ST.
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Wholesale Commission Florist,
113 W. 30th St., NEW YORK CITY
Tel. 854 Madison Sq.,
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Choice stock, full weight, 50-lb. case, $6.00; 25-lb. case, $3.25.

Galax—Brilliant bronze or green, selected, $1.00 per 1000; $3.75 per 5000.

Leucothoe Sprays—Green or bronze, 90c per 100; $7.50 per 1000.

Sphagnum Moss—Large bale, $1.75; by freight, $2.00. Green Sheet Moss—Per bbl. sack, $2.50.

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We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our Specialties are Dagger and Fancy Ferns. A-1 quality, $1.00 per 1000. Laurel Festooning, good and full, hand made, 5c and 6c per yard. Green and Sphagnum Moss, $1.00 per bbl. Sphagnum Moss, 50c a bag, 5 bags, $2.00. Ivy Leaves, $4.00 per 1000.

Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—all sizes, Folding Flower Boxes, Ribbon—all sizes and colors, Coral Letters, Block Letters, Wire Designs, Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

L. D. Tel. 2618 Main. **HENRY M. ROBINSON & CO., 8 and 11 Province St., BOSTON, Mass.**

Wholesale Cut Flower Prices.

Boston, Jan. 11.

	Per 100
Beauties, Specials	$40.00 to $60.00
" Extra	25.00 to 35.00
" Short Stems	6.00 to 10.00
Brides, Specials	12.00
" Seconds	2.00 to 4.00
Bridesmaids, Specials	8.00 to 12.00
" Seconds	2.00 to 4.00
Liberty	5.00 to 20.00
Meteor	5.00 to 12.00
Chatenay	4.00 to 12.00
Cattleyas	30.00 to 35.00
Cypripediums	8.00 to 10.00
Carnations, Special	4.00 to 5.00
" Select	2.50 to 3.00
" Ordinary	1.50 to 2.00
Violets, single	.75 to 1.00
" double	.50 to .75
Lily of the Valley	3.00 to 4.00
Narcissi, Paper Whites	1.00 to 1.50
Mignonette	2.00 to 8.00
Stevia	1.00
Asparagus Plumosus, Strings	35.00 to 50.00
" Sprays, bunch	.50
" Sprengeri, bunch	.25 to .50
Smilax	8.00 to 10.00
Adiantum	.75 to 1.00
Poinsettias	5.00 to 10.00
Roman Hyacinths	1.00 to 1.50
Callas	8.00 to 10.00
Lilium Harrisii	8.00 to 10.00
Sweet Peas	1.00 to 1.50
Marguerites	1.00
Freesias	2.00 to 3.00
Yellow Daffodils	4.00 to 5.00
" Jonquils	1.00 to 2.00

I BOUGHT a good deal of stock through the REVIEW for my trade in 1904 and I want to continue the paper, as I find it very valuable.—NICHOLAS HIMMER, Meramec Highlands, Mo.

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Dagger Ferns AND Galax Leaves

Bronze or Green Galax, 75c per 1000; $6.50 per case.

Dagger Ferns, $1.00 per 1000, full count.

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Green and Bronze Galax Leaves.

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Perfect shipping facilities for out of town orders.
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Wholesale Florists,
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Write for special prices.
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Wholesale Cut Flower Prices.

Chicago, Jan. 11.

	Per doz.
Beauties, Long stems	$4.00 to $ 5.00
" 30-inch "	3.00
" 24-inch "	2.50
" 20-inch "	2.00
" 15-inch "	1.50
" 12-inch "	1.00
Shorts	.75
	Per 100
Bridesmaids, Specials	$10.00 to $12.00
" Firsts	4.00 to 8.00
Brides, Specials	10.00 to 12.00
" Firsts	4.00 to 8.00
Liberty, Specials	12.00 to 15.00
" Firsts	4.00 to 10.00
Golden Gate, Firsts	10.00 to 12.00
" Seconds	4.00 to 8.00
Meteor, Firsts	10.00 to 12.00
" Seconds	4.00 to 8.00
Ivory, Firsts	10.00 to 12.00
" Seconds	4.00 to 8.00
Perles, Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Chatenay	4.00 to 12.00
Carnations, Select	1.50 to 2.00
" Fancy	3.00 to 5.00
Violets	.75 to 1.00
Callas	12.50
Paper Whites and Romans	3.00
Stevia, per bunch,	.25 to .50
Asparagus, Strings	35.00 to 50.00
" Sprays, per bunch,	.25 to .35
Sprengeri, "	.25 to .35
Ferns, per 1,000, $2.00	.25
Adiantum Cuneatum	.75 to 1.00
Smilax, per doz.	1.50

Cleveland, Jan. 11.

	Per Doz.
Beauties, Specials	$6.00
" Extra	4.00
" No. 1	3.00
" Shorts	$1.00 to 2.50
	Per 100
Bride and Bridesmaid.	$4.00 to $12.00
Meteors	4.00 to 12 00
Carnations	3.00 to 6.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri "	2.00 to 4.00
Violets	.50 to 1.50
Smilax	12.50 to 15.00
Paper Whites	3.00 to 4.00
Valley	3.00 to 4.00
Tulips, white	4.00
Sweet Peas	1.00 to 1.50

THE REVIEW is all right, the best paper.—C. L. BAUM, Knoxville, Tenn.

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Write for special quotations on large orders.
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THE "OLD RELIABLE" FOR
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Hunt's Flowers Go Everywhere.
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Beauties, Roses, Carnations, Lilies and Cut Flowers Of All Kinds
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A SPECIALTY.
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58-60 WABASH AVE., CHICAGO
The Place to Sell Your Stock
SEE PERCY JONES, Manager.

PERCY JONES
Wholesale Cut Flowers
Flower Growers' Market,
60 Wabash Ave., CHICAGO.
STANDING ORDERS SOLICITED.

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Wholesale Growers and Shippers of CUT FLOWERS
58-60 WABASH AVE., CHICAGO, ILL.
With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.

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37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

WIETOR BROS.
Wholesale Growers of Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Ave., CHICAGO.
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Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given
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SUCCESSOR TO
BRANT & NOE FLORAL COMPANY,
58-60 Wabash Ave., CHICAGO.
Very Choice American Beauties.
Wholesale Grower of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.

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Wholesale Growers of and Dealers in Cut Flowers.
All telegragh and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.

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35 RANDOLPH ST. WHOLESALE FLORISTS CHICAGO.

The Philadelphia Wholesale Flower Market.

GARDENIAS=VIOLETS=VALLEY.

We receive a splendid stock of fine BEAUTIES daily.

1235-37 FILBERT STREET, - PHILADELPHIA, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Milwaukee, Jan. 11.

	Per 100
Beauties, Specials	$25.00
" Extra	$15.00 to 18.00
" No. 1	12.50
" Shorts	4.00 to 6.00
Bride and Bridesmaid, Specials	8.00
" " Extra	6.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	4.00 to 8.00
Liberty	4.00 to 10.00
Chatenay	4.00 to 10.00
Meteor	4.00 to 6.00
Perle	4.00 to 6.00
Sunrise	4.00 to 6.00
Carnations, Good	2.00 to 3.00
" Fancies	4 00
Adiantum	1.00
Asparagus Plumosus, strings	50.00
" " sprays	2.00 to 3.00
" Sprengeri, "	2.00 to 3.00
Callas	15.00
Daisies	.40
Lily of the Valley	2.00 to 3.00
Smilax	12.50
Stevia	2.00
Sweet Peas	.75
Violets extra	.50 to .75

I COULD not do without the REVIEW; it is just the paper for one new in the business, as I am.—W. E. THAYER, Midland, Mich.

I LIKE the REVIEW very much and am sure it must be well appreciated by all who read it.—W. L. LEECHMAN, Auburn, Wash.

I HAVE certainly been well pleased with the REVIEW and would not like to be without it; I think every florist should take it.—C. L. SHANKS, Newton, Kan.

HEADQUARTERS FOR "SUPERIOR QUALITY" BRAND

Wild Smilax

Always on Hand and in any Quantity

NONE BETTER.

E. F. WINTERSON CO.,

45-47-49 Wabash Avenue,

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PITTSBURG FLORISTS' EXCHANGE

Wholesale Florists and Florists' Supplies.

228 Diamond St., PITTSBURG, PA.

Shipping Given Special Attention.

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C. E CRITCHELL,

Wholesale Commission Florist.

All varieties of Cut Flowers in season at right prices and of the best quality.

CONSIGNMENTS SOLICITED.

Galax, Ferns and Leucothoe Sprays

Are my specialties.

36 East 3rd St. CINCINNATI, O.

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Wholesale Commission Dealer in Cut Flowers

Consignments Solicited.

128 E. Third St., CINCINNATI, OHIO.

Long Distance Phones { M-980. West 1191-R.

LOUIS H. KYRK

Wholesale Commission Florist,

Phones, Main 3062, Main 2486-L.

110 E. 3rd St., CINCINNATI, O.

Receiver and Shipper of Cut Flowers.

CONSIGNMENTS SOLICITED.

The J. M. McCullough's Sons Co.

Seedsmen and Wholesale Florists.

Consignments solicited. Special attention given to shipping orders.

316 Walnut Street, CINCINNATI, OHIO.

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WHOLESALE FLORIST,

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C. A. KUEHN WHOLESALE FLORIST

Cut Flowers and Florists' Supplies.

Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.

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Wholesale Cut Flowers Florists' Supplies

C. C. Pollworth Co.

MILWAUKEE, WIS.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Jan. 11.

	Per doz.
Beauties, Specials	$5.00 to $6.00
" Extra	3.00 to 4.00
" No. 1	1.00 to 2.00
" Shorts	.60 to 1.00
	Per 100
Brides and Maids, Specials	$6.00 to $8.00
" " Extra	4.00 to 6.00
" " No. 1	2.00 to 3.00
Carnot	8.00 to 10.00
Golden Gate	6.00 to 8 00
Kaiserin	6.00 to 8.00
Liberty	6.00 to 8.00
Meteor	6.00 to 8.00
Carnations, Common	1.00 to 1.50
" Select	2.00 to 3.00
" Fancies	4 00 to 6.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 1.50
" Sprengeri "	1.00 to 1.50
Lily of the Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Violets, single	.75 to 1.00
" double	1.00 to 1.50
Paper Whites	2.00 to 3.00
Romans	2.00 to 3.00
Callas	12 50 to 15.00
Harrisii	12.50 to 15.00

Pittsburg, Jan. 11.

	Per 100
Beauties, Specials	$50.00 to $75.00
" Extra	30.00 to 40.00
" No. 1	15.00 to 20.00
" Shorts	6.00 to 10.00
Brides and Maids	4.00 to 18.00
Cusin	4.00 to 6.00
Kaiserin	4.00 to 15.00
Liberty	8.00 to 20.00
Mme. Chatenay	4.00 to 12.00
Carnations	1.00 to 5.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus Plumosus, Strings	25.00 to 50.00
" Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Lily of the Valley	4.00 to 5.00
Violets	.50 to 2.50
Smilax	12.50 to 15.00
Lilies	20.00 to 25.00
Paper Whites and Romans	3.00 to 4.00
Tulips	5.00
Mignonette	3.00 to 6.00
Daisies	2.00
Lilacs, per bunch	1.50

WE are well pleased with the REVIEW and consider it in a class by itself.—FRANK MOSMILLER, Richmond, Va.

I ENCLOSE a dollar, for I would not for a moment think of doing without the REVIEW.—GEORGE CORBETT, Cincinnati.

PETER WEILAND,

Wholesale Grower of

Cut Flowers

Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.

128 East 3rd St., CINCINNATI, OHIO.

All stock sold at the PREVAILING MARKET PRICE.

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FRANK M. ELLIS

Wholesale Florist

Finest Stock of Everything in the market.

Extra fine California Violets

Novelties and Supplies of all Kinds.

1316 Pine Street

St. Louis

Long Distance Telephone MAIN 2018-M.

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KALAMAZOO, MICH.

Christmas was at least twenty per cent better than last year. Plants, cut flowers and greens sold equally well. The stores were finely decorated. Azaleas, lilies, cyclamens, primroses, etc., were much in evidence. G. Van Bochove & Bro. had a very handsome display, and so did the Central Michigan Nursery's store. One window was decorated with a winter landscape. The other was devoted to pot plants. The Dunkley Floral Co. had some designs made up in New York style and also showed pot plants. New Year's trade was also very good and demand is good all around. H. M.

THOMPSONVILLE, CONN.

Chester F. Brainard, who for the past six years has been in the employ of his brother, D. Wm. Brainard, has purchased from F. N. Allen a tract of about ten acres of land known as the J. B. Allen farm. The land is on the main trolley line between Hartford and Springfield, in the north end of the village of Thompsonville. Mr. Brainard expects to start into the nursery, plant and bulb business this coming spring, though it is his plan to work into the wholesale florist's business as well. Operations will be commenced as soon as possible in the spring and some building will be done this season.

RICHMOND, IND.—Chas. Knopf, of the B. K. & B. Floral Co., has the sympathy of many friends in the recent death of his mother.

CANTON, O.—Fire destroyed stock valued at $2,000 belonging to Chas. Lindacher, December 29. Mr. Lindacher refused money to a tramp and thinks the tramp set fire to the greenhouse.

Tel. 3053 Madison Square.

Hanffling & Kleppner,

Manufacturers and Importers of all kinds of

Basket Novelties Our Specialty.

POT COVERS.

114 West 28th Street, Between 6th and 7th Aves., **New York**

Mention The Review when you write.

..VIOLETS..

Write for the lowest price on Violets. We took 1st premium at the World's Fair, Chicago and Joliet Flower Shows. We can give the right price as we are growers.

ELI CROSS, Grand Rapids, Mich.

Mention The Review when you write.

Boston Ferns

Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots, at 25c, 50c, 75c, $1.00 each.

KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS

Cash or reference please.

L. H. Foster, 45 King St. Dorchester, Mass.

Mention The Review when you write.

NEPHROLEPIS SCOTTII

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time. Prices—6-in. pot-grown, ready for 8-in., $15.00 per doz.; 7-in. pot-grown, $24.00 per doz.; 8-in. pot-grown, $36.00 per doz.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

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Ribbons WE MAKE THEM.

for

FUNERAL DESIGNS, WEDDING and all other Florist decorations—the right kind.

You will be pleased with the Pine Tree Brands because they are soft to the touch, brilliant and rich toned.

We make them in narrow and wide widths.

GAUZE,
TAFFETA,
SATIN TAFFETA.

Write us, we'll send you samples.

The Pine Tree Silk Mills Company

Philadelphia

OFFICE AND SALESROOMS:

806-808-810 Arch Street, 52 and 54 N. Eighth Street.

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Buy now for Stock or growing on for Spring Sales.

250 at 1000 Rate, all from 2¼ or 2½-inch Pots.

Geraniums, including **Nutt, Ricard, B. Poitevine, Mme. Barney,** etc., strong stock, $25.00 per 1000. Our choice of varieties in assorted colors at $20.00 per 1000.

Coleus, 10 best market varieties, $2.50 per 100, $20.00 per 1000.

Ageratum, Stella Gurney and Princess Pauline, $2.50 per 100, $20.00 per 1000.

Heliotrope, dark purple and blue, named varieties, $3.00 per 100, $25.00 per 1000.

Hibiscus, Peachblow, grandest variety out, $3.00 per 100.

Primula Forbesi, $2.50 per 100, $20.00 per 1000.

Flowering Begonias, in variety, $3.00 per 100, $25.00 per 1000.

Dracaena Indivisa, $3.00 per 100, $25.00 per 1000.

Boston Ferns, well established, $30.00 per 1000.

Abutilon Eclipse, $3.00 per 100.

German Ivy, $2.50 per 100.

Manettia Bicolor, $2.50 per 100.

Cuphea Platycentra, $2.50 per 100.

Asparagus Plumosus, $3.00 per 100.

Asparagus Sprengeri, $2.50 per 100.

Kentia Belmoreana, clean stocky plants with several leaves, $5.00 per 100, $45.00 per 1000.

Send For Wholesale List

THE STORRS & HARRISON CO., - Painesville, Ohio.

Mention The Review when you write.

Fancy or Dagger Ferns



$1.25 per 1000. Galax, brilliant bronze or green, 75c per 1000; $6.50 per case, 10,000. Laurel festooning, hand made, full sizes, 4c, 5c and 6c per yard, made fresh daily from the woods. **Send us your orders at once** and we will please you. Branch Laurel, 35c per large bundle. Southern wild Smilax, 50 lb. cases, $5.50 per case. Laurel wreaths and Princess pine wreaths made all sizes and prices. Princess pine by the pound and made into roping. Tell us your wants and we will name you prices.

CROWL FERN CO., - - - MILLINGTON, MASS.

Mention The Review when you write.

We thank our customers for their patronage and hope they will continue it; wishing them and the trade in general the compliment of the season, we are,

Yours respectfully,

J. STERN & CO.,

1928 Germantown Ave., PHILADELPHIA, PA.

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Always mention the Florists' Review when writing advertisers.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ORDERS FOR....

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WILL BE FILLED BY

P. J. HAUSWIRTH,
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Auditorium Annex. Telephone Harrison 585.

LEIKENS, 7 E. 33d St., New York City.
Near Waldorf-Astoria. Phone No. 1417 Madison.
NURSERIES, RUTHERFORD, N.J.

Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

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A. GUDE & BRO.

1224 F Street, Northwest,
Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE, CLEVELAND, OHIO.

HAVE YOUR

RETAIL ORDERS

FILLED BY THE
GEO. WITTBOLD CO.
1657-59 Buckingham Place, CHICAGO.

Julius Baer,

116 E. Fourth Street.
Long Distance Phone 2478.
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PORTLAND, OREGON
CLARKE BROS., 289 Morrison St.

Orders for MINNESOTA or the Northwest will be properly executed by
AUG. S. SWANSON
ST. PAUL, MINN.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,
2319 AVENUE M. Galveston, Tex.

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FRED C. WEBER, FLORIST,

4326-28 Olive Street, St. Louis, Mo.
Established 1873.
Long Distance Phone Lindell 196 M.

MILLS THE FLORIST

36 W. Forsyth Street,
Jacksonville, Florida

Orders for **Chicago and Vicinity**
WILL BE FILLED BY
A. LANGE,
Telephone Central 2522. 51 Monroe St., CHICAGO.

HUGH GRAHAM,
PHILADELPHIA,
104 S. Thirteenth St.
All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,
Cor. MIAMI and GRATIOT AVES.
DETROIT, MICH.

Palmer's
BUFFALO, New York.

U. J. VIRGIN,

838 Canal Street, NEW ORLEANS, LA.

PRATT & GIGER,
FLORISTS AND DECORATORS
NEW LONDON, CONN.

J. J. BENEKE,

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WE SELL
BRONZE AND GREEN GALAX

Small 45c; medium 50c; large 55c per 1000. Terms, cash or satisfactory references. State how to ship; by freight or express.

J. E. HYLTON & CO., Ballard, Va.

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546 Fifth Avenue
Cor. 45th St., N. W.
NEW YORK, CITY.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention . . . . . .

Telephone Calls: 340 and 341 38th Street.
Cable Address: ALEXCONNELL.
WESTERN UNION CODE.

David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,
New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

WILLIAM L. ROCK FLOWER CO.

KANSAS CITY, MO.

C. C. Pollworth Co.

WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in
WISCONSIN

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

Houghton & Clark

434 Boylston Street,
Boston, Mass.

WASHINGTON, D. C.
Orders Executed Artistically.
Blackistone,
Long Distance Phone 2180. COR. 14th and H STS.

S. B. Stewart,

119 No. 16th Street, OMAHA, NEB.

Always Mention the....
Florists' Review
When Writing Advertisers.

PACIFIC COAST.

Frank Shibeley, of San Francisco, reports holiday business as very good and fully up to that of former years. Cut poinsettias were in big demand for Christmas and a great many were disposed of, customers in many cases purchasing these instead of roses. He says that trade was a little dull the early part of the winter, due to the fact that an unusually large number of wealthy patrons were in Europe and the eastern cities, but thinks it will now improve. Violets are very popular for street wear and demand in consequence is large. Street venders are disposing of great quantities daily. There is very little call for American Beauties, Bridesmaid being the favorite rose.

SAN FRANCISCO.

The Market.

Now that the holidays are over the growers and retailers can take a little time and figure out how they stand. I have spoken with a great many of both and there seems to be some difference of opinion as to how well the receipts balance the expenditures. I think, however, on the whole proposition there were more flowers handled than last year, but the price was somewhat cheaper, probably fully twenty per cent. Another thing to consider is that, except for a few fancy roses, there was no shortage in the supply of general stock. This is the first year that such a condition has been apparent in San Francisco and whether it was due to the extended warm spell we had in the early winter or to the increased number of houses that have been built during the past season and are producing flowers for the first time, I am not quite sure, but both these conditions assisted in the increased supply. What we are going to do with the spring's surplus I have no idea, but it is certain we will have our hands full.

Since the holidays trade has been fair, funeral work being the principal item. Carnations, which were held at somewhat stiff prices last week, are gradually getting a little cheaper and more plentiful. Roses, only, are in short supply and the price has remained the same as they have been for several weeks. Daffodils are coming into market in fair quantities and narcissi of all descriptions remain a drug. Violets remain at $1 per dozen bunches, valley moves very slowly since the holidays and Roman hyacinths are not much better. A few freesias are seen, but it will be several weeks before they are in their prime.

Various Notes.

The Art Floral Co. have opened a store on Powell street, in the Flood building. They have a strictly up-to-date store and will handle only first-class stock.

The retailers report that hyacinth and tulip bulbs were of poor sale last fall and many of them still have considerable stock on hand.

The Loomis carnation growers are shipping large quantities of rooted carnations to the local growers.

A. Galloway, of Fruitvale, is cutting some extra fine Estelle at present.

Rooted Carnation Cuttings

..NOW READY..

These low prices good only up to December 25.

	Per 100	Per 1000
WHITE:		
Queen Louise	$1.00	$10.00
Flora Hill	1.00	10.00
Alba	1.40	12.50
Gov. Wolcott	1.00	10.00
Norway	1.00	10.00
Lillian Pond	1.40	12.50
Chicot	1.20	10.00
PINK:		
Mrs. Thos. Lawson	1.40	12.50
Enchantress	3 50	80.00
Mrs. Joost	1.00	10.00
Success	1.00	10.00
Mermaid	1.00	10.00
Cressbrook	1.00	10.00
Pres. McKinley	1.40	12.50
Mrs. Theo. Roosevelt	1.40	12 50
SCARLET:		
G. H. Crane	$1.00	$10.00
America	1.00	10.00
SCARLET:		
P. Palmer	$1.00	$10.00
Estelle	1.40	12.50
J. H. Manley	1.50	15.00
Apollo	1.50	15 00
CRIMSON:		
Harlowarden	1.40	12.50
Gov. Roosevelt	1.20	10.00
YELLOW:		
Golden Beauty	1.40	12.50
Eldorado	1.00	10.00
VARIEGATED:		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Stella	1.40	12.50
Armazindy	1.00	10.00
Viola Allen	1.20	11.00
Gaiety	1.20	11.00

Special prices on large lots. Unrooted pips at half price of above. 25 at 100 rate. 250 at 1000 rate. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

Loomis Floral Company, LOOMIS, CAL.

Mention The Review when you write.

200,000 ROOTED

Carnation Cuttings

NOW READY.

	Per 100	Per 1000
WHITE		
Queen Louise	$1.00	$10.00
Flora Hill	1.00	10.00
Gov. Wolcott	1.00	10.00
Alba	2.00	15.00
White Cloud	1.00	10.00
PINK		
Lawson	1.20	12.50
Marquis	1.00	10.00
Enchantress	3.50	30.00
Mrs. Joost	1.00	10.00
McKinley	1.40	12.50
Mermaid	1.00	10.00
Cressbrook	1.00	10.00
SCARLET		
Crane	$1.00	$10.00
America	1.00	10.00
Estelle	1.40	12.50
CRIMSON		
Harlowarden	1.40	12.50
YELLOW		
Eldorado	1.10	12.50
Golden Beauty	1.40	12.50
VARIEGATED		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Armazindy	1 00	10.00
Viola Allen	1.20	11.00

Unrooted Cuttings at one-half price of Rooted Cuttings.

Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

100,000 Pansy Plants at $10.00 a thousand.

Loomis Carnation Co.

Lock Box 115. **Loomis, Cal.**

H. Hayashi, of Alameda, has bought the Narrow Gauge Floral Depot, Oakland. G.

ANNUALS.

For dealers who handle soft wooded stock such as stocks, asters, salvias, petunias, verbenas, etc., it is now time that seed should be sown. It is not necessary with this class of annuals to have any bottom heat, but it is well in this latitude, to plant seeds in frames and cover with glass until the middle of February.

We have had a very mild season thus far and geraniums, lobelia, achyranthes, alternantheras, begonias and plants of that nature that were planted as cuttings in November should now be rooted and ready to transplant in flats. There are no precautions that are necessary at this time except to be particular that the cuttings are not overwatered and that they are protected at night from a possible frost.

Because of our exceptionally mild winter even the heliotropes and geraniums are still in full bloom outdoors, so that there has been little trouble to get cuttings for spring stock.

1,000,000 ROOTED CUTTINGS CARNATIONS NOW READY

Cuttings shipped promptly on receipt of order. From now on we pack to stand 30 degrees below zero.

	Per doz.	Per 100
FIANCEE, 1905, pink	$1.80	$12.00
CRISIS, 1905, scarlet	1.80	12.00
FRED BURKI, 1905, white	1.80	12.00
CARDINAL, 1905, red	1.80	12.00
GIBSON BEAUTY, 1905, scarlet	1.80	12 00
WM. PENN, 1905, pink	1.50	10.00
RED LAWSON, 1905, red	1.50	10.00
RED SPORT, 1905, red	1.50	10.00
RICHMOND GEM, 1905, scarlet	1.50	10.00
LADY BOUNTIFUL, 1904, white	1.00	6.00
THE BELL, 1904, white	$1.00	$6.00
PLAMINGO, 1904, scarlet	1.00	6.00
CRUSADER, 1904, scarlet	1.00	6.00
WHITE LAWSON, 1904 white	1.00	7.00
NELSON FISHER, 1904, variegated	1.00	6.00
INDIANAPOLIS, 1904, pink	1.00	6.00
M. A. PATTEN, 1904, pink	1.00	6.00
RELIANCE, 1904, white	1.00	6 00
THE PRESIDENT, 1904, crimson	1.00	6.00
JUDGE HINSDALE, 1904, white	1.00	6.00
THE BRIDE, 1904, white	1.00	6.00
ENCHANTRESS, shell, pink	.50	3.50

STANDARD LIST

	Per doz.	Per 100	Per 1000
QUEEN LOUISE, white	$.20	$1.00	$10.00
FLORA HILL, white	.20	1.00	10.00
ALBA, big white	.30	1.40	12.50
WOLCOTT, white	.20	1.00	10.00
NORWAY, white	.20	1.00	10.00
PROSPERITY, white	.25	1.40	12.50
LAWSON, pink	.25	1.40	12.50
MARQUIS, pink	.20	1.00	10.00
GENEVIEVE LORD, pink	.20	1.00	10.00
SUCCESS, pink	.20	1.00	10 00
ARGYLE, pink	.20	1.00	10.00
JOOST, pink	$.20	$1 00	$10.00
MERMAID, salmon pink	.20	1.00	10.00
CRESSBROOK, pink	.20	1.00	10.00
G. H. CRANE, best scarlet	.20	1.00	10.00
AMERICA, red	.20	1.00	10 00
MRS. P. PALMER, red	.20	1.00	10.00
HARLOWARDEN, crimson	.25	1.40	12 50
GEN. GOMEZ, crimson	.20	1.00	10.00
ELDORADO, yellow	.20	1.00	10.00
VIOLIANIA, best variegated	1.00	5.50	50.00
MARSHALL FIELD, variegated	.25	1.40	12.50
ARMAZINDY, variegated	.20	1.00	10.00

Unrooted STANDARD CUTTINGS at ½ price of rooted cuttings. New Red Ghost Plant, Deutzia, shrub for pots and lawn, 2-in., 50c each or will give 1 for a $5.00 order. The bell is 6 inches long by 5-in. dia., bright scarlet. 6 at 12 rate; 25 at 100 rate; 250 at 1000 rate. **Express prepaid at above prices.** Terms cash or C. O. D. Privilege of examining.

California Carnation Co., Loomis, Cal.

Mention The Review when you write.

FREESIAS

Grand Duchess Oxalis, Bermuda Buttercups, and other flowering bulbs. Write for catalogue.

REES & COMPERE,
R. F. D. 1, LONG BEACH, CAL.

Mention The Review when you write.

Regarding annuals grown from seed, the gardener wants to bear in mind that our demand for them is principally from the middle of March until the end of April and stock that is offered for sale after that generally is consigned to the rubbish heap. I have found there is an increasing demand for asters, cosmos, salvias, stock, cereopsis, gaillardias, lobelias and hollyhocks and such stock that is grown from seed, usually pansies, hollyhocks, canterbury bells and snapdragons planted early last fall should now be pricked into flats or planted in the ground for spring flowering.

Carnation cuttings under glass are now well rooted and can be planted in the open ground about the middle of March. Some growers shift them from the cutting bed into thumb pots and others transplant into flats before they are shifted outside. This is an advantage if they are extra strong growing sorts, or if the grower is backward in having his ground ready for them. They are easily stunted in flats and to have the best results should be kept growing without experiencing any check. This rule applies to all soft-wooded stock, as thrifty, well-grown plants pay well for the extra trouble they cause when offered for sale. G.

New Shasta Daisies

ALASKA, CALIFORNIA, WESTRALIA, $ 3.00 per Doz. 15.00 per 100

Having obtained my stock from Mr. Burbank, it is waranted to be pure and true to name. Postal for circular. Shasta daisy "Shasta," strong field plants, $3.00 per 100. Small plants, one-third less. Prepaid. Cash, please.

FRED GROHE, MacDonald Avenue, **Santa Rosa, Cal.**

Mention The Review when you write.

Dahlias Field Roots, Clifford W. Burton yellow	$5.00 per 100
Storm King, pure white	
A. D. Livani, pink	
Maid of Kent, red tipped, white, mixed	$4.00 per 100

The Brighton Seed & Floral Co.
215 Occidental Ave., SEATTLE, WASHINGTON.
Mention The Review when you write.

EUONYMUS RADICANS.

I have some plants of which I cannot learn the names. Enclosed find a leaf of each. Will you please give names of same through the REVIEW? The variegated leaf comes from a hard-wooded bush, while the other two are faster growth. C. F. M.

These leaves, when they reached me were so badly shriveled that with one exception I was unable to identify them. Sending such soft leaves in a letter is very unsatisfactory, as they are usually destroyed beyond recognition in transit. The leaf with the yellow blotch is Euonymus radicans variegata, one of the forms of Euonymus Japonica. R.

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants, with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,
3041 Baker Street,
San Francisco, Cal.

ROOTED CARNATION CUTTINGS

Big Stock.

ORANGE TREES

Write for Price List.

The Philippi Nurseries, Rocklin, Cal.
Philippi Bros., Props.

HERE is a dollar to renew our subscription; we have read several other papers, but think the REVIEW is the best.—HOLLAND NURSERY CO., Elmhurst, Cal.

ELMIRA, N. Y.—Fred L. LaFrance is contemplating a large investment in new glass this coming spring. He already has a nice range and a prosperous business.

CHRISTIANA, PA.—On January 5, 2,000 pounds of dynamite exploded. It was some little distance from the Wm. Brinton greenhouses, but all the glass was broken.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

Conard & Jones Co., West Grove, Pa., submit for registration pillar rose, Garden's Glory (Pink Mme. Plantier), a seedling from Dawson crossed with Clotilde Soupert; flowers large, double, rose pink, fragrant, in large clusters; plant strong grower, hardy, almost thornless, resembles Mme. Plantier in habit and abundance of bloom.

H. D. Seele, Elkhart, Ind., submits for registration the following new cannas: Hon. W. R. Hearst, scarlet, mottled and edged with golden yellow; outside of petals almost pure yellow. Senator Hanna, pure orange, tinged with golden yellow. Mrs. John A. Logan, scarlet, with broad yellow golden border; resembles Queen Charlotte.

Wm. J. Stewart, Sec'y.

CYPRESS.

Cypress stocks at Louisiana mills are in good shape to meet a large demand and manufacturers are expecting a good run of business during the coming year. In the Kansas City district there has been a satisfactory trade in cypress all the past season, and disposition of product throughout the country has been sufficient to show the high appreciation in which the wood is held.—American Lumberman.

TOO MANY ORDERS.

Please discontinue our advertisement of cinerarias. Your prompt attention will oblige us we are all sold out and do not like to have to return checks to people who wish to buy, as they are apt to be displeased.

Port Allegany Greenhouses.

Jan. 9.

Osage, Ia.—The Perry Florists' Association is being entertained January 10, 11 and 12 by Mr. and Mrs. W. S. Hall.

ROOTED CARNATION Cuttings, Now Ready

White Lawson, M. A. Patten,
Flamingo, Nelson Fisher,
Lady Bountiful, Albatross,
The above at $5 per 100; $40 per 1000.
The following at $3 per 100; $25 per 1000.
Enchantress, The Queen,
Boston Market, Fairmaid.

Imperial Greenhouses, Utica, N. Y.

Rooted Cuttings

PELARGONIUMS, 15 var., $2.25 per 100.
VERBENAS, 30 var., 60c per 100; $5.00 per 1000.
HELIOTROPE, 12 var., $1.00 per 100; $8 per 1000.
PETUNIAS, 20 var., $1.25 per 100; $10.00 per 1000.
SALVIAS, 6 var., $1.00 per 100; $8.00 per 1000.
GIANT ALYSSUM, $1.00 per 100; $8.00 per 1000.
AGERATUMS, 4 var., 60c per 100; $5.00 per 1000.
COLEUS, 40 var., 70c per 100; $6.00 per 1000.
DAISIES, $1.00 per 100.
Express prepaid on all R. C.
Cash with orders. Write

S. D. Brant, Clay Center, Kan.

Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO, ILL.

Send for Price List on all

Palms and Ferns

Mention The Review when you write.

Dreer's Superb Double Petunias



For nearly half a century we have been making a specialty of **DOUBLE PETUNIAS** and our strain is accepted as second to none, either here or in Europe. We annually plant many thousand seedlings from which only the finest double fringed forms are selected for propagating purposes, thus improving the strain every season, and this year's collection is the brightest and most pleasing one we have yet sent out. We offer 15 distinct varieties.

2¼-inch pots, 60c per doz.; $4.00 per 100; the set of 15 for 75c.
3-inch pots, 75c per doz.; $6.00 per 100; the set of 15 for $1.00.

SEED OF OUR SUPERB STRAIN OF FRINGED PETUNIAS. **Double,** 75c per 500 seeds; $1.50 per 1000 seeds. **Single,** 50c per trade packet.

Henry A. Dreer, Philadelphia, Pa.

Mention The Review when you write.

HERE IS A MONEY-MAKER

New Late Pink Chrysanthemum, Preeda Senner. This Chrysanthemum we have grown three years. It is a very profitable variety on account of it being so very late; begins blooming December 20, continuing to middle of January; color, salmon pink; large and full; strong grower, three to four feet, foliage dark green leaves, well up to bloom, and a good keeper. On account of its lateness, it is bound to be exceedingly valuable.

We will book orders for March delivery, strong rooted cuttings, 10c; $9.00 per 100.
Write for estimates on larger lots.

ELLSWORTH, FLORIST, Grand Island, Neb.

Mention The Review when you write.

CARNATIONS

SELECTED YOUNG STOCK.

Flamingo, Enchantress, Queen, Queen Louise, Wolcott, Lawson, Floriana, Lord and

FIANCEE

Kaiserin Roses and Chrysanthemum Novelties

Write for prices.

Fine large Duckham 'Mum Stock plants at $1.25 per doz.

ROBERT C. PYE, NYACK, N. Y.
Wholesale Carnation Grower.

BOBBINK & ATKINS

Decorative Plants.

Rutherford, N. J.

Mention The Review when you write.

RUDBECKIA	Per 100
Extra choice, large clumps	$5.00
ASPARAGUS SPRENGERI, Extra quality, 2½-in. pots	2.00
ASPARAGUS PLUMOSUS, Extra quality, 2½-in. pots	2.50
ASPARAGUS PLUMOSUS, Extra quality, 3-in. pots	4.00

Above prices cash with order.

JOHN BROD, Niles Center, Illinois

Mention The Review when you write.

"My Maryland"

The largest, most productive and most profitable white carnation yet raised. Will be disseminated in 1906. Write us about it. Also for other new and standard carnations.

Chrysanthemum Stock Plants

Dr. Enguehard	$.35 each;	$3 00 per doz.
White Mrs. J. R. Tranter	.35 each;	3.00 per doz.
American Beauty	.35 each;	3.00 per doz.
S. T. Wright	.50 each;	5.00 per doz.
Uncle John	.35 each;	3.00 per doz.
Rockford	.25 each;	3.00 per doz.

Mrs. Probin, 35c each. Mrs. Newell, 35c each.
Pacific, P. Rose, Willow Brook, Ivory, Mrs. J. Jones, 10c each; $6.00 per 100. Orizaba, Halliday, Monrovia, Merry Xmas, Liger, H. Sinclair, 10c each, $7.00 per 100.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

CARNATION CUTTINGS

Well Rooted from Selected Stock.

	Per 100	Per 1000
NELSON FISHER	$7.00	$60.00
MRS. M. A. PATTEN	6.00	50.00
FLAMINGO	6.00	50.00
CRUSADER	6.00	50.00
D. WHITNEY	5.00	40.00
ENCHANTRESS	4.00	30.00
H. FENN	3.00	25.00
MANLEY	3.00	25.00
FAIR MAID	2.50	20.00
QUEEN	3.00	25.00

BACKER & CO., Billerica, Mass.

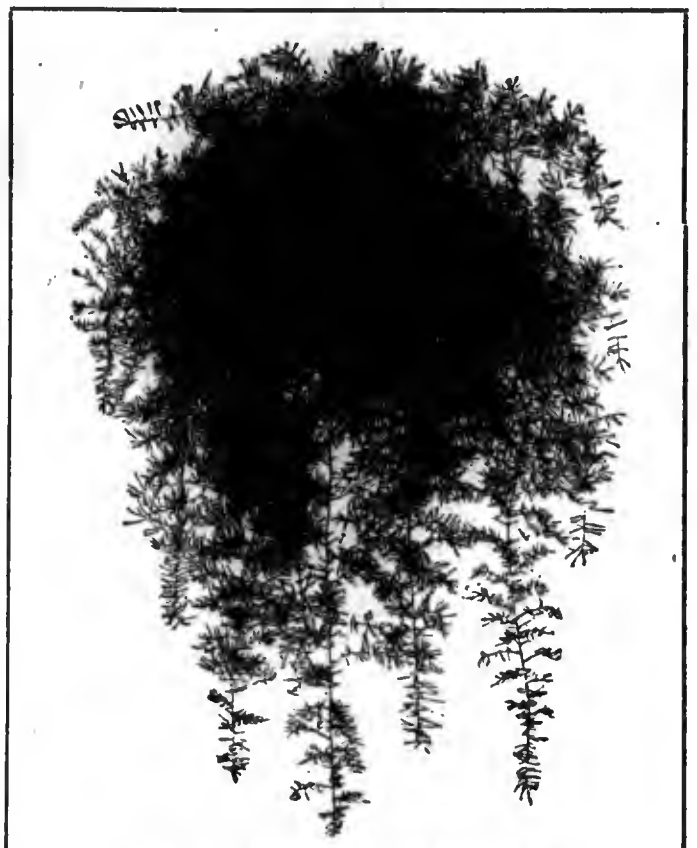
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Dreer's New Crop Reliable Flower Seeds.

The following is a short list of Flower Seeds which should be sown early to make nice plants for spring sales. For a complete list see our Wholesale Catalogue for January, copies of which have been sent to all florists.

Ageratum Blue Perfection—Dark blue	trade pkt., $0.15	per oz.,	$0.50
Asparagus Plumosus nanus—True	per 100 seeds, $1.00;	per 1000 seeds,	7.00
" **Sprengeri**	per 1000 seeds. .75;	per 5000 seeds,	3.00
Begonia Vernon	trade pkt., $0.25		
" " **grandiflora**	" .25		
" **Gracilis**—Rose	" .25		
Browallia Speciosa major	" .50		
Centaurea Candidissima	per 1000 seeds, .25	per oz.,	1.50
" **Gymnocarpa**	" .15	"	.35
Cineraria Maritima candidissima	trade pkt . .10	"	.20
" " **acanthifolia**	" .20	"	.75
Cyclamen Persicum—Mixed	" .40	"	2.50
" **Giganteum—White, Rose, Blood-red or White with red eye**	per 100 seeds, $0.75;	per 1000 seeds,	6.00
Cyclamen Giganteum—Mixed	" .60;	"	5.00
Heliotrope, Lemoine's Giant—Mixed	trade pkt., $0.40	per oz.,	2.00
Ipomœa Grandiflora—Moonflower	" .15	"	.50
Lobelia, Crystal Palace Compacta—True	" .30	"	1.25
" **Speciosa**—Dark blue trailing	" .15	"	.50
" **Gracilis**—Light blue trailing	" .15	"	.40
Nicotiana Sanderæ—The new red-flowering	per packet, .17	7 packets,	1.00

	Trade pkt.	Per oz.
Pansy, Royal Exhibition Mixture—The finest money can buy	$0.50	$8.00
Pansy, Premium—Next to our Royal Exhibition the finest mixture	.50	4.00
Pansy, Giant Trimardeau—A fine mixture large flowers	.25	1.00
Petunia, Dreer's Superb Double Fringed, per 500 seeds, 75c; 1000 seeds, 1.50		
" " " **Singls** "	$0.50	
Phlox Drummondi grandiflora—Mixed	.15	$0.40
" " **Large-flowering Dwarf**—Mixed	.20	.75
" " **Nana compacta**—Mixed	.30	1.50
Pyrethrum Aureum—Golden Feather	.10	.25
Salvia Splendens—Scarlet Sage	.25	1.00
" " **"Bonfire"**—Fine compact	.40	2.25
" " **"Burning Bush"**—Very large flowers	.30	1.50
Smilax ¼ lb., $1.00	.10	.30
Solanum Capsicastrum—Jerusalem Cherry	.10	.25
Stocks, Large-flowering, 10-weeks—In separate colors	.40	2.50
" " " " Mixed	.30	2.00
" **Cut-and Come-Again**—In separate colors	.50	
" " " " " Mixed	.50	2.50
Sweet Peas—Fifty of the finest kinds in cultivation. See Wholesale Price List.		
Thunbergia—Mixed trade pkt., $0.10	per oz., $0.50	
Verbena, Dreer's Mammoth—White, pink, scarlet, purple or striped " .30	" 1.50	



ASPARAGUS SPRENGERI.

Verbena, Dreer's Mammoth—Finest mxd..trade pkt., 25c, oz., $1.00

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

Mention The Review when you write.

Asparagus Plumosus Nanus Seeds

Our own growing, just ripening on selected plants, 100 seeds, 50c; 500 seeds, $2; 1000 seeds, $4.

B. H. Haverland, Pleasant Run, Ohio

Mention The Review when you write.

Asparagus Plumosus Nanus

fine plants, 3-in., $3.00 per 100; 4-in., $7.00 per 100.

Carnations, unrooted cuttings. Enchantress, $1.50 per 100; Lawson, 75c per 100; Crane, America and F. Hill, 50c per 100.

SAMUEL WHITTON. 15-17 Gray Ave. **UTICA, N.Y.**

Mention The Review when you write.

BOSTON FERNS!

2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.
Piersoni, strong rooted runners, $2.00 per 100.
Scottii, $5.00 per 100.
Plumosus, 2½-in., $3.00 per 100.

DAVIS BROS.,
Morrison, Ill., and Geneva, Ill.

ORCHIDS

CATTLEYA MENDELLI Just arrived in fine condition, a shipment of this scarce and beautiful Orchid. Also Laelia Anceps, Oncidium Tigrinum, etc. Write for special list No. 14.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

Profitable Investments FOR 1905

ASPARAGUS SPRENGERI

Not the usual, recently potted stock, but **Strong, Healthy, Field-Grown; thoroughly established in pots** and have grown into bushy, salable plants. These we are now offering from 2½-inch pots, $3.00 per 100; 3-inch pots, $5.00 per 100.

ASPARAGUS TENUISSIMUS

A large, healthy lot of this grand variety in need of a shift. From 2¼ inch pots, $3.00 per 100; 3-inch pots, $5 00 per 100.

NATHAN SMITH & SON,
ADRIAN, MICH.

Mention The Review when you write.

10,000 Latania Borbonica PALMS

We have a fine stock of this variety, strong plants in 2½ and 3-inch pots, some of which are showing character leaves, ready for immediate shift. While they last, **$5.00 per 100; $45.00 per 1000.**

The DINGEE & CONARD CO.
WEST GROVE, PA.

Mention The Review when you write.

NEW PRICE LIST ON

Pyramid KAISER KRONEN Standard

Bay Trees

Orders booked now.

Julius Roehrs, Rutherford, N. J.

Mention The Review when you write.

XXX SEEDS

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.

Cineraria. Finest large flowering dwarf, 1000 seeds, 50c.

Phlox Pumila Compacta. Very dwarf and compact; grand for pots; in finest colors, mixed. Trade pkt., 25c.

Alyssum Compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots. Trade pkt., 25c.

Chinese Primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.

Pansy, Finest Giants. The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c.

Petunia. New star, from the finest marked flowers, extra choice. Trade pkt., 25c.

Cash. Liberal extra count of seeds in all packets.

SHAMROCK

...IRISH...

Strong and fine plants. Better order early. $4.00 per 100; or 60c. per doz., by mail.

JOHN F. RUPP, Shiremanstown, Pa.
THE HOME OF PRIMROSES.

Mention The Review when you write.

Bedding Plants

Cash with order.

	Per 1000	Per 100 2¼ in. Exp.	Per 100 R. C. Mail
50 000 **Alternantheras**, red, yellow,	$ 5.00		$0.60
Alyssum, double sweet		$2.00	1.00
Boston Ferns very fine pot-grown, 5-inch		25.00	
Feverfew, Little Gem	15.00	2.00	1.00
Fuchsia, 6 named varieties		2.00	1.00
15.000 **Geraniums**, Nutt and 20 other varieties	20.00	2.25	
Petunias, double fringed, white.		2.50	1.25
50 000 **Pansies**, Florists' International, strong, transplanted.	10.00		
Extra, in bud and bloom	15.00		
20 000 **Vinca Variegata**, R C	7 50		1.00
Salvia, 4 named varieties		2.00	1.00

LUDVIG MOSBAEK, Onarga, Ill.

Mention The Review when you write.

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WM. J. STEWART, Sec'y.

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Jan. 9.

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White Lawson, M. A. Patten,
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Lady Bountiful, Albatross,
The above at $5 per 100; $40 per 1000.
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Enchantress, The Queen,
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Imperial Greenhouses, Utica, N. Y.

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HELIOTROPE, 12 var., $1.00 per 100; $8 per 1000.
PETUNIAS, 20 var., $1.25 per 100; $10.00 per 1000.
SALVIAS, 6 var., $1.00 per 100; $8.00 per 1000.
GIANT ALYSSUM, $1.00 per 100; $8.00 per 1000.
AGERATUMS, 4 var., 60c per 100, $5.00 per 1000.
COLEUS, 40 var., 75c per 100; $6.00 per 1000
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2¼-inch pots, 60c per doz.; $4.00 per 100; the set of 15 for 75c.
3-inch pots, 75c per doz.; $6.00 per 100; the set of 15 for $1.00.

SEED OF OUR SUPERB STRAIN OF FRINGED PETUNIAS. **Double,** 75c per 500 seeds; $1.50 per 1000 seeds. **Single,** 50c per trade packet.

Henry A. Dreer, Philadelphia, Pa.

Mention The Review when you write.

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Decorative Plants.

Rutherford, N. J.

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Extra choice, large clumps	$5.00
ASPARAGUS SPRENGERI, Extra quality, 2½-in. pots	2.00
ASPARAGUS PLUMOSUS, Extra quality, 2¼-in. pots	2.50
ASPARAGUS PLUMOSUS, Extra quality, 3-in. pots	4.00

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American Beauty	.35 each;	3.00 per doz.
S. T. Wright	.50 each;	5.00 per doz.
Uncle John	.35 each;	3.00 per doz.
Rockford	.25 each;	3.00 per doz.

Mrs. Probin, 35c each. Mrs. Newell, 35c each.

Pacific, P. Rose, Willow Brook, Ivory, Mrs. J. Jones, 10c each; $6.00 per 100. Orizaba, Halliday, Monrovia, Merry Xmas, Liger, H. Sinclair, 10c each, $7.00 per 100.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

CARNATION CUTTINGS

Well Rooted from Selected Stock.

	Per 100	Per 1000
NELSON FISHER	$7.00	$60.00
MRS. M. A. PATTEN	6.00	50.00
FLAMINGO	6 00	50.00
CRUSADER	6.00	50.00
D. WHITNEY	5.00	40.00
ENCHANTRESS	4.00	30 00
H. FENN	3.00	25.00
MANLEY	3.00	25.00
FAIR MAID	2.50	20.00
QUEEN	3.00	25.00

BACKER & CO., Billerica, Mass.

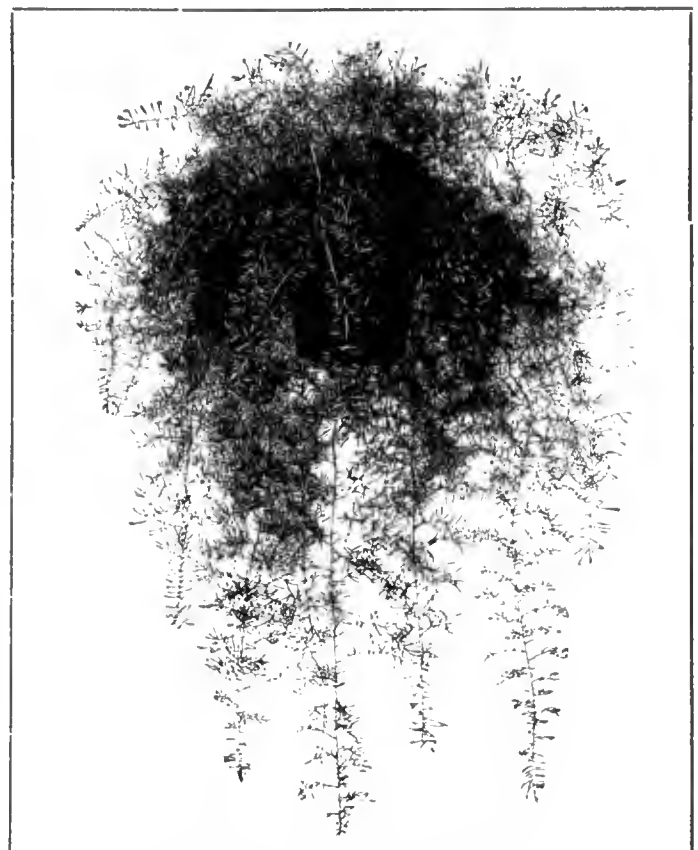
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Asparagus Plumosus nanus—True	per 100 seeds, $1.00;	per 1000 seeds,	7.00
" **Sprengeri**	per 1000 seeds .75;	per 5000 seeds,	3.00
Begonia Vernon	trade pkt., $0 25		
" " **grandiflora**	" .25		
" **Gracilis**—Rose	" .25		
Browallia Speciosa major	" .50		
Centaurea Candidissima	per 1000 seeds, .25	per oz.,	1.50
" **Gymnocarpa**	" " .15	"	.35
Cineraria Maritima candidissima	trade pkt , .10	"	.20
" " **acanthifolia**	" .20	"	.75
Cyclamen Persicum—Mixed	" .40	"	2.50
" **Giganteum—White, Rose, Blood-red** or **White with red eye**	per 100 seeds, $0.75,	per 1000 seeds,	6.00
Cyclamen Giganteum—Mixed	" " 60;	"	5.00
Heliotrope, Lemoine's Giant—Mixed	trade pkt., $0.10	per oz.,	2.00
Ipomœa Grandiflora—Moonflower	" .15	"	.50
Lobelia, Crystal Palace Compacta—True	" .30	"	1.25
" **Speciosa**—Dark blue trailing	" .15	"	.50
" **Gracilis**—Light blue trailing	" .15	"	.40
Nicotiana Sanderæ—The new red-flowering	per packet, .17	7 packets,	1.00

	Trade pkt.	Per oz.
Pansy, Royal Exhibition Mixture—The finest money can buy	$0 50	$8 00
Pansy, Premium—Next to our Royal Exhibition the finest mixture	.50	4 00
Pansy, Giant Trimardeau—A fine mixture large flowers	.25	1.00
Petunia, Dreer's Superb Double Fringed, per 500 seeds, 75c; 1000 seeds, 1.50		
" " " **Single** "	$0.50	
Phlox Drummondi grandiflora—Mixed	.15	$0.40
" " **Large-flowering Dwarf**—Mixed	.20	.75
" " **Nana compacta**—Mixed	.30	1.50
Pyrethrum Aureum—Golden Feather	.10	.25
Salvia Splendens—Scarlet Sage	.25	1.00
" " **"Bonfire"**—Fine compact	.40	2.25
" " **"Burning Bush"**—Very large flowers	.30	1.50
Smilax ¼ lb., $1.00	.10	.30
Solanum Capsicastrum—Jerusalem Cherry	.10	.25
Stocks, Large-flowering, 10-weeks—In separate colors	.40	2.50
" " " Mixed	.30	2.00
" **Cut-and Come-Again**—In separate colors	.50	
" " " " Mixed	.50	2.50
Sweet Peas—Fifty of the finest kinds in cultivation. See Wholesale Price List		
Thunbergia—Mixed trade pkt., $0.10	per oz., $0.50	
Verbena, Dreer's Mammoth—White, pink, scarlet, purple or striped " .30	" 1.50	



ASPARAGUS SPRENGERI.

Verbena, Dreer's Mammoth—Finest mxd..trade pkt 25c, oz., $1.00

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

Mention The Review when you write.

Asparagus Plumosus Nanus Seeds

Our own growing, just ripening on selected plants, 100 seeds, 50c; 500 seeds, $2; 1000 seeds, $4.

B. H. Haverland, Pleasant Run, Ohio

Mention The Review when you write.

Asparagus Plumosus Nanus

fine plants, 3-in., $3.00 per 100; 4-in., $7.00 per 100.

Carnations, unrooted cuttings. Enchantress, $1.50 per 100; Lawson, 75c per 100; Crane, America and F. Hill, 50c per 100.

SAMUEL WHITTON. 15-17 Gray Ave. **UTICA, N.Y.**

Mention The Review when you write

BOSTON FERNS!

2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.
Piersoni, strong rooted runners, $2.00 per 100.
Scottii, $5.00 per 100.
Plumosus, 2½-in., $3.00 per 100

DAVIS BROS.,
Morrison, Ill., and Geneva, Ill.

ORCHIDS

CATTLEYA MENDELLI Just arrived in fine condition, a shipment of this scarce and beautiful Orchid. Also Laelia Anceps, Oncidium Tigrinum, etc. Write for special list No. 14.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

Always Mention the....

Florists' Review

When Writing Advertisers.

Profitable Investments FOR 1905

ASPARAGUS SPRENGERI

Not the usual, recently potted stock, but **Strong, Healthy, Field-Grown; thoroughly established in pots** and have grown into bushy, salable plants. These we are now offering from 2½-inch pots, $3.00 per 100; 3-inch pots, $5.00 per 100.

ASPARAGUS TENUISSIMUS

A large, healthy lot of this grand variety in need of a shift. From 2½ inch pots, $3.00 per 100; 3-inch pots, $5.00 per 100.

NATHAN SMITH & SON,
ADRIAN, MICH.

Mention The Review when you write.

10,000 Latania Borbonica PALMS

We have a fine stock of this variety, strong plants in 2½ and 3-inch pots some of which are showing character leaves, ready for immediate shift. While they last, **$5.00 per 100; $45.00 per 1000.**

The DINGEE & CONARD CO.
WEST GROVE, PA.

Mention The Review when you write.

NEW PRICE LIST ON

Pyramid KAISER KRONEN Standard

Bay Trees

Orders booked now.

Julius Roehrs, Rutherford, N. J.

Mention The Review when you write.

XXX SEEDS

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.

Cineraria. Finest large flowering dwarf, 1000 seeds, 50c.

Phlox Pumila Compacta. Very dwarf and compact; grand for pots; in finest colors, mixed. Trade pkt., 25c.

Alyssum Compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots. Trade pkt. 25c.

Chinese Primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c

Pansy, Finest Giants. The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00 half pkt., 50c.

Petunia. New star, from the finest marked flowers, extra choice Trade pkt., 25c.

Cash. Liberal extra count of seeds in all packets

SHAMROCK

...IRISH...

Strong and fine plants. Better order early. $4.00 per 100; or 60c. per doz., by mail.

JOHN F. RUPP, Shiremanstown, Pa.
THE HOME OF PRIMROSES.

Mention The Review when you write.

Bedding Plants

Cash with order.

	Per 1000	— Per 100 — 2¼ in Exp	R C Mail
50 000 **Allernantheras**, red, yellow,	$ 5.00		$0 60
Alyssum, double sweet		$2 00	1 00
Boston Ferns very fine pot grown, 5-inch		25.00	
Feverfew, Little Gem	15 00	2 00	1 00
Fuchsia, 6 named varieties		2.00	1 00
15 000 **Geraniums** Nutt and 20 other varieties	20.00	2 25	
Petunias, double fringed white,		2 50	1 25
50 000 **Pansies**, Florists' International, strong, transplanted	10 00		
Extra, in bud and bloom	15 00		
20 000 **Vinca Variegata**, R C	7 50		1.00
Salvia, 4 named varieties		2.00	1.00

LUDVIG MOSBAEK, Onarga, Ill.

Mention The Review when you write

ASPHALTUM ON PIPES.

I have three greenhouses used for a general stock of cut flowers and bedding plants in which the hot water pipes have been painted with asphaltum. The fumes given off are ruining the stock, the roses in particular. I have tried running a heavy fire and throwing the ventilators wide open; have also used a gasoline torch and tried sand paper. Can you tell me how to get the paint off without losing any more stock?

C. J. R.

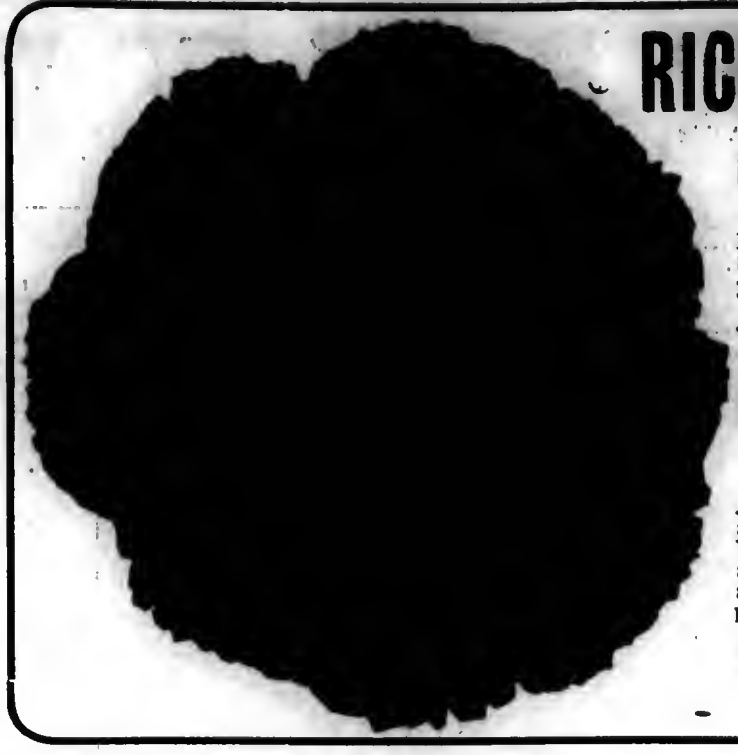
I regret to say I know of no way of removing this paint that will not be deleterious to the pipes and injurious to the plants. It is likely that strong ammonia water would be as effective in removing the paint as anything that could be used as a wash. It is possible that a strong lye wash might be of some use. I do not think that either of these would hurt the pipes to speak of and would probably not injure the plants. Any acid which might be used would injure the pipe seriously.

It is a great mistake to paint pipes intended for heating purposes. In some cases it is economy to paint flow pipes that are not considered in estimating the radiation for a house, or where appearance is a factor, but where efficiency and economy are elements in the financial management of a place do not paint the pipes.

L. C. C.

OMAHA, NEB.—The Reams-Lainson Co., capital stock $10,000, was incorporated January 4, by L. H. Reams and F. L. Lainson.

INDIANAPOLIS, IND.—Wm. Billingslev asks that the report in another journal, that he has taken a partner in his business, be denied. He says someone has been misinformed.



RICHMOND GEM

THE FINEST
COMMERCIAL SCARLET
Ever Introduced.
PLACE YOUR ORDERS EARLY.
SEND FOR CIRCULAR.
Per 100, $10; per 1000, $75.

WE MUST HAVE ROOM!
The following stock plants of

Mums For Sale
at a Bargain

Wm. Duckham, Dr. Enguehard, A. J. Balfour, Alice Byron, white and yellow Golden Chadwick, Yellow Eaton, Appleton, Omega and Marion Newell, large clumps and in good health. Write for prices.

B. K. & B. FLORAL CO.
RICHMOND, IND.

Mention The Review when you write.

Palmer's
Red Lawson
NOW READY!

SPORT FROM THE FAMOUS
MRS. THOMAS LAWSON
Planted May 18th, in full crop middle of August
ROOTED CUTTINGS:
$10.00 per 100
$40.00 per 500
$75.00 per 1000

Ask your *Brother Florist* if he saw it at the Detroit Carnation Show. Ten to one he will say it's a good carnation to grow. **Received CERTIFICATE OF MERIT at Detroit Carnation Show—scoring 87 pts.**

W. J. Palmer & Son
Lancaster, N. Y.

Mention The Review when you write.

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.
CARNATIONS OUR SPECIALTY

Mention The Review when you write.

SATISFACTION ..IN.. **ROOTED CUTTINGS.**

	Per 100	Per 1000		Per 100	Per 1000
Enchantress.	$4.00	$30 00	W. Cloud ...	$1.50	$12.50
Lawson	1.50	12.50	Flora Hill...	1.25	10.00
Joost.....	1.25	10.00	Q. Louise ...	1.25	10.00
Marquis.....	1.25	10.00	Estelle	2.50	20.00
B. Market...	3.00	20.00	Prosperity ..	2.00	15.00

Quality is our Hobby.
W. C. HILL FLORAL CO., Streator, Illinois.

Mention The Review when you write.

MICHEL
Plant and Bulb Co.
ST. LOUIS, MO.

Mention The Review when you write.

SPECIAL IN
Perle des Jardins Roses
We have extra nice stock in 2x2½-inch about ready to shift. Write
Geo. A. Kuhl, PEKIN, ILL.

Mention The Review when you write.

RED SPORT (Of Maceo.)

This new "Bread and Butter" commercial brilliant "Crane" Red Carnation, now in its fourth year, has the hardy constitution of General Maceo, with a stronger heavier growth, longer and stiffer stem and a larger flower. Growing under the same conditions and in the same house with Flamingo and Estelle it has produced four times as many blooms as the former and twice as many blooms as the latter. The color is as good as Estelle and the bloom brings as much as does Estelle at its best. Every flower is of a uniform brilliant red, perfectly double with an ideal calyx, in fact we never saw a split one.

Red Sport is perfectly healthy, an easy variety to grow, an early and continuous bloomer, throwing its heaviest cuts around the Christmas holidays and during the Winter months when red is in demand. **Red Sport** will keep longer and travel farther than any other red carnation, and will prove a bonanza to the grower who does a shipping business. If the scarcity of reds in the market that now exists continues **Red Sport** will pay better to the square foot of bench than any other variety of any color to date. Every florist who has seen **Red Sport** growing has placed an order for rooted cuttings, which tells the tale. All our stock is sold up to January 25th. Orders filled in strict rotation from that date on. Price, 12 for $1.50, 25 for $2.50, 50 for $4.00 all post paid. $6.00 per 100, $50.00 per 1000, by express. We guarantee all cuttings to be well rooted and to arrive in good condition.

A. B. DAVIS & SON, Carnation Specialists, PURCELLVILLE, VA.

Mention The Review when you write.

NEW CARNATION
The best commercial red
Crisis
Thoroughly tried. It is a money maker.
PRICE: $12.00 per 100; $100.00 per 1000.
J. L. DILLON. BLOOMSBURG, PA.

Mention The Review when you write.

CARNATIONS

Rooted Cuttings Now Ready.

Eclipse Our 1905 introduction. A pink carnation, lighter in color than Lawson and of a more even and bright shade of pink. No objectionable shading or bleachings. A strong free growth, large flowers on long stiff stems and early and continuous flowering.

Fiancee A most pleasing shade of medium pink. No carnation has ever equalled the number of awards received by this variety.

Cardinal Brilliant Scarlet. A great improvement over Estelle.

F. Burki Pure white. **The above four varieties, $12 per 100; $100 per 1000.**

Richmond Gem Scarlet, $10.00 per 100; $75 00 per 1000.

Lady Bountiful and The Belle The two best commercial white carnations of the present day. Both have received honors over competitors at the fall exhibitions. We have large stocks of these two varieties which are already in great demand. Do not delay in placing your order for early delivery. $6.00 per 100; $50.00 per 1000; $112.50 per 2500.

WHITE LAWSON, $7.00 per 100; $60.00 per 1000.

FLAMINGO, NELSON FISHER and MRS. M. A. PATTEN, $6.00 per 100; $50.00 per 1000.

CRUSADER, INDIANAPOLIS, JUDGE HINSDALE and THE PRESIDENT, $5 00 per 100; $40.00 per 1000.

ENCHANTRESS, $3.00 per 100; $25.00 per 1000.

In addition to the above we can supply twenty-five of the best standard sorts, varieties that are profitable to grow. Our preliminary Price List will be sent upon application. We are pioneers in the carnation line and our facilities for rooting and handling cuttings are nearly perfect, due to our long experience.

F. DORNER & SONS CO., LA FAYETTE, IND.

Mention The Review when you write.

ROOTED Carnation Cuttings

	Per 100	Per 1000
WHITE		
Lady Bountiful	$4.00	
Vesper	4.00	$35.00
Queen	2.50	20.00
Queen Louise	2.00	15.00
Gov. Wolcott	2.00	15.00
Boston Market	2.00	15.00
White Lawson	6.00	50.00
PINK		
Enchantress	3.50	30.00
Lawson	2.00	15.00
Fair Maid	2.00	15.00
Indianapolis	4 00	
Ethel Ward	4.00	
CRIMSON		
Harlowarden	2.50	20.00
Octoroon	4.00	
Flamingo	5.00	40.00
VARIEGATED		
Mrs. Patten	6 00	
Prosperity	2.00	15 00
Gaiety	2.00	15.00
Stella	2.00	15.00
Marshall Field	2.00	15.00

GRAFTED ROSES ON STRONG ENGLISH MANETTI STOCK

	Per 100	Per 1000
Bridesmaid, Bride, Golden Gate, Ivory, Chatenay	$12.00	$100.00
Uncle John, La Detroit, Gen. Mac Arthur	18.00	

SAMUEL S. PENNOCK

1612-14-16-18 LUDLOW ST., PHILADELPHIA

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

	Per 1000		Per 1000
Enchantress	$25 00	Adonis	$25.00
Lord	10.00	Estelle	12 50
Angel	10 00	Bradt	10.00
Lawson	12.50	Peru	10.00
Flora Hill	10.00	Queen Louise	8.00

Cash or C. O. D.

PERCY JONES, 58-60 Wabash Ave., **CHICAGO**

Mention The Review when you write.

Rooted Cuttings **CARNATIONS** Clean and Healthy

MRS. M. A. PATTEN	$6.00 per 100
NELSON FISHER	7.00 "
ENCHANTRESS	3 00 "
WOLCOTT	2.00 "
BOSTON MARKET	2.00 "
J. H. MANLEY	2.00 "
MACEO	2.00 "

SIDNEY LITTLEFIELD, North Abington, Mass.

Mention The Review when you write.

250,000 ROOTED CUTTINGS CARNATIONS

NOW READY. All Orders Filled Full and Prompt.

	Per doz.	Per 100	Per 1000
Alba, big white	$ 25	$1.40	$12.50
Queen Louise, white	.20	1.20	10.00
Flora Hill, white	.20	1.20	10.00
Wolcott, white	.20	1 20	10.00
Norway, white	.20	1.20	10.00
Prosperity, fancy	.25	1.40	12.50
Lawson, pink	.25	1.40	12 50
The Marquis, pink	.20	1.20	10.00
Genevieve Lord, pink	$.20	$1.20	$10.00
Mrs. Joost, pink	.20	1.20	10.00
G. H. Crane, scarlet	.20	1.20	10.00
America, scarlet	.20	1.20	10.00
Potter Palmer, scarlet	.20	1.20	10.00
Harlowarden, crimson	.25	1.40	12.50
Gen. Gomez, crimson	.20	1.20	10.00
Eldorado, yellow	.20	1 20	10.00
Armazindy, var	.20	1.20	10.00

6 at dozen rate; 25 at 100 rate; 250 at 1000 rate.

Unrooted Cuttings at one-half price of Rooted Cuttings.

If not satisfactory on arrival, return at once and money will be refunded promptly.
We prepay express chargee at above prices

WM. LINFOOT, 317 N. Vermilion, **Danville, Ill.**

Mention The Review when you write.

Roses R. C. and 2 x 2¼-inch stock—Meteor, Wootton, Gen. MacArthur, Bride, Kaiserin, Ivory, Bridesmaid, La Detroit, La France, Perle, Golden Gate, Am. Beauty, Pres. Carnot.

Carnations Crane, Estelle, Queen Louise, Gov. Wolcott, Glacier, Norway, Mrs. Fisher, Mrs. Joost, Guardian Angel, Lawson, Enchantress.

Geraniums in Red, White, Pink and Salmon; also Rose and Mme. Salleroi.

Sweet Alyssum, Lantanas, Marguerites, Feverfew, Vincas, Ageratum, Heliotrope, Coleus, Salvia, etc. Write

GEO. A. KUHL, Pekin, Ill.

BOSTON FERNS, PIERSONI, ASPARAGUS PLUMOSUS and SPRENGERI.

Mention The Review when you write.

SCARCE PLANTS

Begonia, Louise Erdody, 3-in	$7.00 per 100
Crown of Thorns, 2½-in	7.00 per 100
Farfugium Grande (bushy), 8-in	10.00 per 100
Grevillea Robusta, 2-in	3.00 per 100
Geranium, Apple Scented, 2-in	3.00 per 100
Geranium, Wm. Langguth, 2-in	5.00 per 100
Hibiscus, Peachblow, 2-in	3.00 per 100
Lemon, American Wonder, 2-in	3.00 per 100
Plumosus and Sprengeri, 2-in	2.50 per 100

IOWA SEED CO., Des Moines, Ia.

Carnation Cuttings.

	Per 100	Per 1000
ENCHANTRESS	$3.50	$30.00
FAIR MAID	2.50	20.00
QUEEN	3.00	25.00
QUEEN LOUISE	2.00	15.00
LAWSON	2.50	20.00
CRESSBROOK	2.00	15.00
CHALLENGER	2.00	15.00
MACEO	2.00	15.00
H. FENN	3.00	25.00
PROSPERITY	2.50	20.00
MRS. BRADT	3 00	25.00
FIANCEE	12.00	100.00

C. WARBURTON, Fall River, Mass.

Mention The Review when you write.

Asparagus

	Per 100
Plumosus Nanus, 2¼-in. pots, per 1000, $15.00;	$2.00

Pansy Plants

Large flowering, per 1000, $2.50	.60

—CASH—

Jos. H. Cunningham, Delaware, Ohio.

Mention The Review when you write.

THE NEW ROSE **WELLESLEY**

Is a welcome addition to the list of forcing roses.

Color is bright pink, with reverse of petals clear silvery pink, thus producing a combination that is exceedingly effective either in daylight or artificial light. Growth is very free and exceptionally vigorous and will prove satisfactory every month in the year. Delivery strictly in rotation, beginning April first. PRICES: Own Root—$25 per 100; $55 per 250; $100 per 500; $200 per 1000. Grafted—$30 per 100; $70 per 250; $130 per 500; $260 per 1000.

Waban Rose Conservatories, Natick, Mass.

CLEVELAND.

The Market.

A trip to the various stores found a tired looking lot, after the holiday rush, but I am pleased to say that all wore a pleasant smile and were in quite a cheerful mood, which augurs well for the business transacted. At New Year's, while not a wonderful holiday for florists, I can say with utmost confidence a magnificent trade was done. The market, with the exception of white stock, was cleaned out completely and many more good colored roses and carnations could have been disposed of. Christmas prices ruled in most lines, but since have taken a decided drop.

There were many receptions, balls and debutantes' parties between the holidays, which kept the retailers on the jump. They were divided between the J. M. Gasser Co., Collins & Harrison and Smith & Fetters.

Business since New Year's has been about normal with plenty of stock to go around, there being no overplus to speak of, as most growers are very much off crop at present.

Various Notes.

Robert Kegg, of Rocky River, is sending in some nice Lawson and Manley carnations to the Cleveland Cut Flower Co.

The Ohio Floral Co. is cutting very fine Enchantress carnations.

Herman Hart had a magnificent lot of good stock for the holidays, which he readily disposed of at retail. The new carnation range was in full crop of very fine blooms, which reflects great credit upon the grower. The plant is a model of neatness and is up-to-date in all respects. Next season the old range will be replaced by a new one with a beautiful store front to handle the increasing business.

At a meeting of the Florists' Club recently it was decided to hold a carnation show on a small scale on January 23. All local growers will make a display, as well as some of the big fellows. A notice will be sent out and a fine attendance should result.

L. C. Hecock, of Elyria, reports a fine trade for the holidays.

W. L. Jones, of Lorain, says he could have disposed of twice the quantity of flowers.

Quite a number of Cleveland florists anticipate going to Chicago to the carnation convention.

Visitor: John Walker, Youngstown, Ohio.

FOREST CITY.

Carnations!

ROOTED CUTTINGS READY NOW.

Clean, Healthy Stock, Well Rooted.

	Per 100	Per 1000
RED		
Crusader	$ 5.00	$ 45.00
Estelle	1.50	12.50
Mrs. Ine	1.50	12.50
Fiamingo	5.50	45.00
LIGHT PINK		
Gibson Beauty	12.00	100.00
Enchantress	3.00	25.00
Mrs. Higinbotham	1.00	9.00
PINK		
Mrs. Lawson	1.50	12.50
Mrs. Nelson	1.50	12.50
Guardian Angel	1.00	9.00
Mrs. Joost	1.25	10.00
Genevieve Lord	1.25	10.00
Nelson Fisher	6.50	55.00
WHITE		
Boston Market	2.50	20.00
Peru	1.00	9.00
White Cloud	1.50	12.50
Queen Louise	1.00	9.00
Flora Hill	1.00	9.00
VARIEGATED		
Mrs. M. A. Patten	5.50	45.00
Rooted Rose Cuttings—		
American Beauty	3.00	25.00
Liberty	3.00	25.00
Bridesmaid	1.50	12.50
Bride	1.50	12.50
Ivory	1.50	12.50
Golden Gate	1.50	12.50

GEORGE REINBERG

51 Wabash Ave., **CHICAGO**

Mention The Review when you write.

Carnation

Rooted Cuttings

	Per 100	Per 1000
WHITE LAWSON	$6 00	$50.00
FLAMINGO	6.00	50.00
ENCHANTRESS	3.50	30.00
THE QUEEN	2.50	20.00
THE CARDINAL, from 2-inch pots,	$12.00 per 100	

LARCHMONT NURSERIES

LARCHMONT, N. Y.

Mention The Review when you write.

Grafted Rose Plants

2½-INCH POTS.

Grafted from all flowering wood; no blind wood used. These are all grafted on selected English Manetti stocks.

BRIDE	per 100,	$10.00
BRIDESMAID	"	10.00
CHATENAY	"	10.00
LIBERTY	"	12.00
LA DETROIT	"	12.00
MacARTHUR	"	12.00

ROOTED CUTTINGS.

Guaranteed all from flowering wood. No blind wood used.

ROSES

	Per 100	Per 1000
BRIDE	$1.50	$12.50
BRIDESMAID	1.50	12.50
CHATENAY	1.50	12.50
PERLE	2.50	20.00
CARNATIONS		
GOV. WOLCOTT	$2.00	$15.00
WHITE CLOUD	2.00	15.00
NORWAY	2.00	15.00
MRS. LAWSON	2.00	15.00
MORN'G GLORY	2.00	15.00
MRS. JOOST	2.00	15.00
CRANE	2.00	15.00
AMERICA	2.00	15.00
PROSPERITY	2.00	15.00
GAIETY	2.00	15.00

Also the sensational new variety, **FIANCEE.** Our order was put in two years ago and was the first order given for **FIANCEE.** We can promise very early delivery at same prices as the introducer. **FIANCEE,** per 100, $12.00; per 1000, $100.00.

Bassett & Washburn,

Greenhouses Hinsdale, Ill.

Office and Store, 76 Wabash Ave., Chicago

Mention The Review when you write.

CLEAN AND STRONG

ROOTED CARNATION CUTTINGS.

	Per 100	Per 1000
JOOST, pink	$1.00	$ 8.00
PERU, white	1.00	10.00
PROSPERITY, fancy	1.50	.....
ENCHANTRESS, shell pink	3.50	.....

JOHN R. SHREINER, Florist, Lancaster, Pa.

Mention The Review when you write.

ROSES! ROSES! ROSES!

Rooted Cuttings

	Per 100	Per 1000
CHATENAY	$2.50	$20.00
UNCLE JOHN	2.50	20.00
BRIDESMAID	1.50	12.50
BRIDE	1.50	12.50
IVORY	1.50	12.50
PERLE	1.50	12.50

From 2 1-2 inch Pots.

	Per 100	Per 1000
RICHMOND	$30.00	$250.00
ROSALINDORR ENG.	25.00	200.00
LA DETROIT	6.00	50.00
CHATENAY	4.00	30.00
SUNRISE	4.00	30.00
PERLE von Godesberg.	5.00	40.00
LIBERTY	$5.00	$45.00
UNCLE JOHN	4.00	35.00
KAISERIN	4.00	30.00
BRIDESMAID	3.00	25.00
BRIDE	3.00	25.00
IVORY	3.00	25.00
PERLE	3.00	25.00

CARNATIONS, Rooted Cuttings.

RICHMOND GEM.	$10 00	$75 00	ENCHANTRESS	$3 00	$25 00	JOOST	$1 50	$12 50
FLAMINGO	6 00	50 00	BOSTON MARKET	2 50	20 00	ESTELLE	1 50	12 50
THE BELLE	5 00	45 00	NELSON	1 50	12 50	HIGINBOTHAM	1 00	9 00
CRUSADER	5 00	45 00	ADONIS	2 50	20 00	FLORA HILL	1 00	9 00
LADY BOUNTIFUL	5 00	45 00	LAWSON	1 50	12 50	QUEEN LOUISE	1 00	9 00
INDIANAPOLIS	5 00	45 00	MORNING GLORY	1 50	12 50	PERU and G. ANGEL	1 00	9 00

All plants sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

PETER REINBERG, Telephone 2846 Central, **51 WABASH AVE., CHICAGO**

Mention The Review when you write.

Fred Burki

JOHN MURCHIE,
SHARON, PA.

is the ideal Commercial White Carnation.

Its freedom of bloom coupled with its other meritorious qualities will commend it to the most conservative growers. You will make no mistake by growing **FRED BURKI.**

$12.00 per 100; $100.00 per 1000; 250 at 1000 rate.

S. S. SKIDELSKY,
824 No. 24th St., Philadelphia.

WRITE FOR DESCRIPTIVE CIRCULAR.

Mention The Review when you write.

Chrysanthemum Novelties

We are headquarters for the best new varieties. Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Mileham, Lady Cranston, A. J. Miller, Mrs. D. V. West, etc., etc. Complete list now ready. Send for a copy.

CHARLES H. TOTTY, MADISON, N. J.

Mention The Review when you write.

Carnation Rooted Cuttings

	Per 100	Per 1000
Lady Bountiful	$6.00	$50.00
The Belle	6 00	50 00
Flamingo	6.00	50.00
Nelson Fisher	6.00	50.00
Mrs. Patten	6.00	50 00
Enchantress	3 50	30.00
Prosperity	3.00	25.00
Manley	3.00	25 00
Boston Market	3 00	25 00
Nelson	3.00	25.00
Harry Fenn	2.50	20.00
Gov. Wolcott	2.50	20.00
Adonis	2.50	20.00
Lawson	2 00	17.50
Fairmaid	2.00	17 50
White Cloud	1.50	12.50
Morning Glory	1.50	12 50
Joost	1.25	10 00
Triumph	1 25	10 00

500 at 1000 rate.

FERNS: Boston Ferns. 2½-inch, $5.00 per 100; 3-inch, at $8.00; 4-inch, at $15 00; 5-inch, at $25.00; 6-inch, at $40.00; 7-inch, at $90.00.

CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

Strong Rooted Carnation Cuttings

	Per 1000		Per 1000
Enchantress	$30.00	Adonis	$25.00
Lord	10.00	Flamingo	50.00
Angel	10.00	Estelle	15.00
Lawson	10.00	Bradt	10.00
Gov. Wolcott	10 00	Mrs. M. A. Patten	40.00
Flora Hill	10.00	Peru	10 00
Boston Market	20.00	Queen Louise	8.00

Cash or C. O. D.

SOL. GARLAND, Des Plaines, Ill.

Mention The Review when you write.

ROOTED CUTTINGS READY

WHITE LAWSON $ 7.00 per 100, 60.00 per 1000

ENCHANTRESS $4.00 per 100; $30.00 per 1000.

PINK LAWSON $3.00 per 100; $20.00 per 1000.

SEND FOR CATALOGUE FOR OTHER VARIETIES.

CHICAGO CARNATION CO., JOLIET, ILL.

Mention The Review when you write.

UNROOTED

CARNATION CUTTINGS

The following at $3 per 100; $25 per 1000.

White Lawson,	M. A. Patten,
Flamingo,	Nelson Fisher,
Lady Bountiful,	Crusader,

The following at $2 per 100; $15 per 1000.

Enchantress,	The Queen,
Boston Market,	Fairmaid.

Imperial Greenhouses, Utica, N. Y.

Rooted Carnations.

	100	1000
MRS. T. W. LAWSON	$2.50	$20.00
HARRY FENN	2.50	20.00
QUEEN LOUISE	2.00	15.00
MRS. ROOSEVELT	2.50	20.00
ALPINE GLOW	2.00	15.00
MANLEY	2.50	20.00

Our stock is first-class and true to name. Ready for delivery March 1. Cash with order. Please place your orders now.

H. ELTZHOLTZ, Cedarhurst, L. I.

Always mention the Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Eclipse, 2¼ or 2½-in., $3.00 100.
Storrs & Harrison Co., Painesville, O.

ADIANTUMS.

Adiantum hybridum, 2¼-in. pots, $5.00 100.
A. Ley & Bro., Langdon, D. C.

AGERATUMS.

Ageratums Stella Gurney and Princess Pauline, 2¼ or 2½-in., $2.50 100, $20.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Ageratums Stella Gurney, P. Pauline and Lady Isabella; rooted cuttings, 60c 100; $5.00 1000. Prepaid. C. Humfeld, Clay Center, Kan.

Ageratum rooted cuttings, 4 var., 60c 100; $5.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Ageratums, Stella Gurney and dwarf white, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Princess Pauline, rooted cuttings, 50c 100; prepaid. Hopkins & Hopkins, Chepachet, R. I.

ALTERNANTHERAS.

Alternantheras, red and yellow, in variety, 2¼-in., $2.00 100, $15.00 1000; rooted cuttings, 60c 100, $5.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow; rooted cuttings, Sept. struck, 60c 100; $5.00 1000. Prepaid. C. Humfeld, Clay Center, Kan.

Alternantheras, red and yellow; strong, R. C., 50c per 100, $4.50 per 1000. Cash.
Byer Bros., Chambersburg, Pa.

Brilliantissima, 75c doz.; $4.00 100.
C. Winterich, Defiance, O.

ALYSSUM.

Sweet alyssum, our big double giant; rooted cuttings, $1.00 100; $8.00 1000. Prepaid.
C. Humfeld, Clay Center, Kan.

Giant alyssum rooted cuttings, $1.00 100; $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Alyssum, giant; fine 2-in., 2c; rooted cuttings, ¾c, mail. Cash.
Byer Floral Co., Shippensburg, Pa.

Alyssum, dwarf and giant double, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 6-in., 20, 25 and 30 in. high, 5, 6 and 7 tiers, $1.00, $1.25 to $1.50 each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Araucaria excelsa, from $1.25 to $2.00 each.
Wm. A. Bock, No. Cambridge, Mass.

ASPARAGUS.

Asparagus Sprengeri, not the usual recently potted stock, but strong, healthy, field-grown, thoroughly established in pots and have grown into bushy, salable plants; 2½-in. pots, $3.00 per 100; 3-in. pots, $5.00 per 100.
Asparagus tenuissimus. A large, healthy lot of this grand variety in need of a shift; from 2¼-in. pots, $3.00 per 100; 3-in. pots, $5.00 per 100. Nathan Smith & Son, Adrian, Mich.

50,000 Asparagus plumosus nanus, strong plants from bench, $8.00 per 1000; from 2½-in. pots, $16.00 per 1000, cash. Prepaid.
S. B. Ritter, Port Royal, S. C.

Asparagus plumosus, 2¼-in., $2.50; 3-in., $4.00. Sprengeri, 2¼-in., $2.00; 3-in., $3.00. Fine and pot-bound ready to shift.
S. M. Harbison, Danville, Ky.

Asparagus plumosus nanus, fine bushy stock from 2½-in pots, $3.00; from 3-in. pots, $5.00; from 3½-in. pots, $8.00 per 100.
Paul Mader, East Stroudsburg, Pa.

A. plumosus nanus, extra heavy, 2-in., 2c, $18.00 per 1000; 3-in., heavy, 3½c. Sprengeri, 2-in., $1.75 per 100. Cash.
Byer Bros., Chambersburg, Pa.

Asparagus plumosus nanus, ready for 4-in., $15.00 1000. J. F. Allen, Orlando, Fla.

Asparagus Sprengeri, extra quality, 2½-in., $2.00 100. A. plumosus, extra quality, 2¼-in., $2.50 100; 3-in., $4.00.
John Brod, Niles Center, Ill.

Asparagus plumosus nanus, true, extra value, 2½-inch, $3.00 100; $25.00 per 1000; 3-inch, $5.00 100. Cash.
W. A. Wettlin, Hornellsville, N. Y.

Asparagus plumosus nanus, 2½-in. pots, $2.50 100; 3-in., $5.00. Sprengeri, 2½-in., $2.50 100; 3-in., $4.00 100.
National Plant Co., Dayton, Ohio.

Asparagus Sprengeri, strong 2-in., $1.50 per 100; $12.00 per 1000.
Golden State Plant and Floral Co., Santa Monica, Cal.

Asparagus plumosus, 2¼ or 2½-in., $3.00 100; Sprengeri, 2¼ or 2½-in., $2.50 100.
Storrs & Harrison Co., Painesville, O.

Asparagus plumosus nanus, 4-in., $20.00 100. Sprengeri, 4-in., $12.00 100.
Anderson & Christensen, Short Hills, N. J.

Asparagus plumosus nanus, fine plants, 3-in., $3.00 100; 4-in., $7.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus nanus, 2¼-in. pots, $2.00 100, $15.00 1000. Cash.
Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri and plumosus, strong 2-in., $2.50 per 100.
Iowa Seed Co., Des Moines, Iowa.

Asparagus from benches and from 2½-in. pots. Write me.
Frank Imbach, Newport News, Va.

Asparagus plumosus nanus, 2½-in. pots, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, strong, 4-in., $8.00 100; prepaid. Hopkins & Hopkins, Chepachet, R. I.

Asparagus Sprengeri and plumosus. All sizes. Write Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus nanus, 3-in., $3.00 100.
W. T. Buckley Co., Springfield, Ill.

Asparagus Sprengeri, 3-in., per 100, $3.00.
J. Sylvester, Oconto, Wis.

Asparagus plumosus, 2½-in., $3.00 100.
Davis Bros., Geneva, Ill.

BAY TREES.

New price list on pyramid, Kaiser Kronen, and standard bay-trees. Orders booked now.
Julius Roehrs, Rutherford, N. J.

BEGONIAS.

Lorraine begonias. Order now for early delivery. Fine thrifty stock from 2-in. April delivery, $15.00 100; May delivery, $12.00 100. Special quotation on 1000 lots.
A. Jablonsky, Wellston, St. Louis, Mo.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonias. For $1.00 we will mail 15 single mixed and 12 double mixed; or 15 single separate colors and 10 double separate colors. All extra fine quality bulbs.
N. Le Page, Mount Vernon, N. Y.

Begonias Argenteo-guttata, speculata, rubra and several other good varieties, 40c per doz., $2.50 per 100. Harmon & Henderson, Iola, Kan.

Flowering begonias, in variety, 2¼ or 2½-in., $3.00 100, $25.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Rex, 15 sorts, mixed; flowering, 6 sorts. R. C., prepaid, $1.10 per 100, cash.
Byer Bros., Chambersburg, Pa.

Begonia Louise Erdody, 3-in., $7.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

BULBS.

Surplus HYACINTHS, TULIPS and MISCELLANEOUS BULBS at surprisingly low prices to clear. Write at once.
Johnson & Stokes, 217-219 Market St., Phila.

Freesias, Grand Duchess Oxalis, Bermuda Buttercup and other flowering bulbs. Write for catalogue.
Rees & Compere, Long Beach, Cal.

Single tuberous rooted begonias, 5 separate colors, 1st size, $3.00 100; 2nd size, $2.00 100.
Bobbink & Atkins, Rutherford, N. J.

All spring bulbs now ready. Our bulbs are always reliable. Wholesale catalogue for the asking.
Arthur T. Boddington, 342 West 14th St., N. Y.

Bulbs. Fancy-leaved caladiums, finest, most brilliant colored sorts. Write for prices.
H. H. Berger & Co., 47 Barclay St., N. Y.

Milla and bessera bulbs, large and small, $5.00 per 1000. Will exchange.
C. R. Orcutt, San Diego, Cal.

D. Rusconi, importer of bulbs, plants and shrubbery, 32 West 6th St., Cincinnati, O.

CACTI.

Epiphyllum truncatum, in bud and bloom; 3-yr.-old crowns, from 25c to 50c each. Cash with order. A. Mirring, East St. Louis, Ill.

CALLAS.

Calla bulblets, or offsets, 40c per 100, or 300 for $1.00 cash. Should be set in the bench soon. Mrs. M. E. Patterson, Glendale, Cal.

CAMELLIAS.

Camellia plants in sorts; best German grower; spring delivery. Address A. Rolker & Sons, New York, 31 Barclay St., or P. O. Box 752.

CANNAS.

Canna roots, $1.50 per 100. Tarrytown, Florence Vaughan, Italia, Souv. Ant. Crozy, Austria, McKinley, Marlboro, Egandale, Sam Trelease. C. M. Niuffer, Springfield, Ohio.

Cannas, extra fine, plump bulbs, fine varieties, $1.25 100; $10.00 1000.
A. J. Baldwin, Newark, Ohio.

CARNATIONS.

Rooted carnation cuttings. 1,000,000 now ready. Cuttings shipped immediately upon receipt of order. We pack to stand 30 degrees below zero.

	Doz.	100
Fiancee, 1905, pink	$1.80	$12.00
Crisis, 1905, scarlet	1.80	12.00
Fred Burki, 1905, white	1.80	12.00
Cardinal, 1905, red	1.80	12.00
Gibson Beauty, 1905 scarlet	1.80	12.00
Wm. Penn, 1905, pink	1.50	10.00
Red Lawson, 1905, red	1.50	10.00
Red Sport, 1905, red	1.50	10.00
Richmond Gem, 1905, scarlet	1.50	10.00
Lady Bountiful, 1904, white	1.00	6.00
The Bell, 1904, white	1.00	6.00
Flamingo, 1904, scarlet	1.00	6.00
Crusader, 1904, scarlet	1.00	6.00
White Lawson, 1904, white	1.00	7.00
Nelson Fisher, 1904, variegated	1.00	6.00
Indianapolis, 1904, pink	1.00	6.00
M. A. Patten, 1904, pink	1.00	6.00
Reliance, 1904, white	1.00	6.00
The President, 1904, crimson	1.00	6.00
Judge Hinsdale, 1904, white	1.00	6.00
The Bride, 1904, white	1.00	6.00
Enchantress, shell pink	.50	3.50

Standard sorts—	Doz.	100	1000
Queen Louise, white	$0.20	$1.00	$10.00
Flora Hill, white	.20	1.00	10.00
Alba, big white	.30	1.40	12.50
Wolcott, white	.20	1.00	10.00
Norway, white	.20	1.00	10.00
Prosperity, white	.25	1.40	12.50
Lawson, pink	.25	1.40	12.50
Marquis, pink	.20	1.00	10.00
Genevieve Lord, pink	.20	1.00	10.00
Success, pink	.20	1.00	10.00
Argyle, pink	.20	1.00	10.00
Joost, pink	.20	1.00	10.00
Mermaid, salmon pink	.20	1.00	10.00
Cressbrook, pink	.20	1.00	10.00
G. H. Crane, best scarlet	.20	1.00	10.00
America, red	.20	1.00	10.00
Mrs. P. Palmer, red	.20	1.00	10.00
Harlowarden, crimson	.25	1.40	12.50
Gen. Gomez, crimson	.20	1.00	10.00
Eldorado, yellow	.20	1.00	10.00
Violiania, best variegated	1.00	5.50	50.00
Marshall Field, variegated	.25	1.40	12.50
Armazindy, variegated	.20	1.00	10.00

Unrooted standard cuttings at ½ price of rooted cuttings.
Express prepaid. Cash or C. O. D., with privilege of examining.
CALIFORNIA CARNATION CO., Loomis, Cal.

Strong, well-rooted carnation cuttings.

	1000		1000
Enchantress	$30.00	Flamingo	$50.00
Adonis	25.00	Lord	10.00
Angel	10.00	Estelle	15.00
Lawson	10.00	Mrs. Patten	40.00
Gov. Wolcott	10.00	Bradt	10.00
Flora Hill	10.00	Peru	10.00
B. Market	20.00	Q. Louise	8.00

Cash or C. O. D.
Sol. Garland, Des Plaines, Ill.

Carnation rooted cuttings, now ready.

Eclipse, our 1905 introduction. A pink carnation, lighter in color than Lawson, and of a more even and bright shade of pink. No objectionable shading or bleachings. A strong, free grower, $12.00 100; $100.00 1000.

Lady Bountiful and The Belle, the two best commercial white carnations of the present day. Both have received honors over competitors at the Fall exhibitions. $6.00 100; $50.00 1000; $112.50 per 2500.

Fiancee, a most pleasing shade of medium pink. No carnation has ever equaled the number of awards received by this variety. $12.00 100; $100.00 100.

Cardinal, brilliant scarlet. A great improvement over Estelle. $12.00 100; $100.00 1000.

F. Burki, pure white. $12.00 100; $100.00 1000.

Richmond Gem, scarlet. $10.00 100; $75.00 1000.

White Lawson, $7.00 per 100; $60.00 1000.

Flamingo, Nelson Fisher and Mrs. M. A. Patten, $6.00 100; $50.00 1000.

Crusader, Indianapolis, Judge Hinsdale and The President, $5.00 100; $40.00 1000.

Enchantress, $3.00 100; $25.00 1000.

In addition to the above we can supply 25 of the best standard sorts, varieties that are profitable to grow. Our preliminary price list will be sent upon application. We are pioneers in the carnation line and our facilities for rooting and handling cuttings are nearly perfect, due to our long experience.

F. Dorner & Sons Co., La Fayette, Ind.

Carnation rooted cuttings.

White	100	1000	Scarlet	100	1000
Q. Louise	$1.00	$10.00	Crane	$1.00	$10.00
F. Hill	1.00	10.00	America	1.00	10.00
Alba	1.40	12.50	P. Palmer	1.00	10.00
Wolcott	1.00	10.00	Estelle	1.40	12.50
Norway	1.00	10.00	Manley	1.50	15.00
L. Pond	1.40	12.50	Apollo	1.50	15.00
Chicot	1.20	10.00			
Pink			**Yellow**		
Lawson	1.40	12.50	G. Beauty	1.40	12.50
Enchantress	3.50	30.00	Eldorado	1.00	10.00
Joost	1.00	10.00	**Variegated**		
Success	1.00	10.00	Prosperity	1.40	12.50
Mermaid	1.00	10.00	M. Field	1.40	12.50
Cressbrook	1.00	10.00	Stella	1.40	12.50
McKinley	1.40	12.50	Armazindy	1.00	10.00
Mrs. R'sev't	1.40	12.50	V. Allen	1.20	11.00
			Gaiety	1.20	11.00

Crimson—Harlowarden, $1.40 100; $12.50 1000. G. Roosevelt, $1.20 100; $10.00 1000. Special prices on large lots. Unrooted pips at half price. 25 at 100 rate; 250 at 1000 rate. Express prepaid. Cash or C. O. D. with privilege of examining.

Loomis Floral Co., Loomis, Cal.

We desire to announce to the trade that this season we will disseminate three of our seedling carnations. BEATRICE, the most prolific light pink that we have ever grown; INDIANA MARKET, a grand commercial white, and FLAMBEAU, a red to grow in place of Crane. These varieties are first-class commercial varieties in every respect, free in bloom and easy to grow. Send us your name and address; we will send you a circular which gives a full description.

We are booking orders for Feb. delivery (Jan. delivery all sold) at $10.00 100; $80.00 1000. We will send you 100 of each of the three for $24.00. We would suggest that you place your order early.

We also have a fine stock of Indianapolis, The Belle, Lady Bountiful, Moonlight, The Bride, Vesper, Flamingo, Crusader, Daheim, Marion Beauty and New Daybreak at $5.00 100; $45.00 1000.

BAUR & SMITH, 38th & Senate Ave., Indianapolis, Ind.

200,000 rooted carnation cuttings now ready.

White	100	1000	Scarlet	100	1000
Q. Louise	$1.00	$10.00	Crane	$1.00	$10.00
F. Hill	1.00	10.00	America	1.00	10.00
Gov. Wolc't	1.00	10.00	Estelle	1.40	12.50
Alba	2.00	15.00	**Crimson**		
W. Cloud	1.00	10.00	Harlow'den	1.40	12.50
Pink			**Yellow**		
Lawson	1.20	12.50	Eldorado	1.10	12.50
Marquis	1.00	10.00	G. Beauty	1.40	12.50
Enchantress	3.50	30.00	**Variegated**		
Joost	1.00	10.00	Prosperity	1.40	12.50
McKinley	1.40	12.50	M. Field	1.40	12.50
Mermaid	1.00	10.00	Armazindy	1.00	10.00
Cressbrook	1.00	10.00	V. Allen	1.20	11.00

Unrooted cuttings at one-half price of rooted cuttings. Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

Loomis Carnation Co., L. B. 115, Loomis, Cal.

Carnation rooted cuttings, ready now. Clean, healthy stock, well rooted.

Red.	100	1000	Light Pink.	100	1000
Crusader	$5.00	$45.00	G. B'uty	$12.00	$100.00
Estelle	1.50	12.50	Enc'tress	3.00	25.00
Mrs. Ine	1.50	12.50	H'inbotham	1.00	9.00
Flamingo	5.50	45.00	**White.**		
Pink.			B. Market	2.50	20.00
Lawson	1.50	12.50	Peru	1.00	9.00
Nelson	1.50	12.50	W. Cloud	1.50	12.50
G. Angel	1.00	9.00	Q. Louise	1.00	9.00
Mrs. Joost.	1.25	10.00	F. Hill	1.00	9.00
G. Lord	1.25	10.00	**Variegated.**		
N. Fisher	6.50	55.00	Patten	5.50	45.00

Geo. Reinberg, 51 Wabash Ave., Chicago.

250,000 rooted carnation cuttings now ready. All orders filled full and prompt.

	100	1000		100	1000
Alba	$1.40	$12.50	G. Lord	$1.20	$10.00
Q. Louise	1.20	10.00	G.H. Crane	1.20	10.00
Flora Hill	1.20	10.00	America	1.20	10.00
Wolcott	1.20	10.00	P. Palmer	1.20	10.00
Norway	1.20	10.00	Harlow'den	1.40	12.50
Prosperity	1.40	12.50	Gen. Gomez	1.20	10.00
Lawson	1.40	12.50	Eldorado	1.20	10.00
Marquis	1.20	10.00	Armazindy	1.20	10.00
Mrs. Joost	1.20	10.00			

Unrooted cuttings at ½ price of rooted cuttings.

25 at 100 rate, 250 at 1000 rate. Cash. If not satisfactory on arrival, return at once and money will be refunded promptly. We prepay express charges at above prices.

Wm. Linfoot, N. Vermilion, Danville, Ill.

Rooted carnation cuttings, ready now.

	100	1000		100	1000
W. Lawson	$5.00	$40	Enchantress	$3.00	$25
Mrs. Patten	5.00	40	L. Bountiful	5.00	40
Flamingo	5.00	40	The Queen	3.00	25
Alhatross	5.00	40	B. Market	3.00	25
N. Fisher	5.00	40	Fair Maid	3.00	25

Unrooted cuttings.

	100	1000		100	1000
W. Lawson	$3.00	$25	M. A. Patten	$3.00	$25
Flamingo	3.00	25	N. Fisher	3.00	25
L. Bountiful	3.00	25	Crusader	3.00	25
Enchantress	2.00	15	The Queen	2.00	15
B. Market	2.00	15	Fair Maid	2.00	15

Imperial Greenhouses, Utica, N. Y.

RED SPORT, the new bread and butter, commercial red carnation, now in its fourth year, has the hardy constitution of Gen. Maceo, with a stronger, heavier growth, longer and stiffer stem and a larger flower. It will keep longer and travel further than any other red carnation. All our stock is sold up to Jan. 25. Orders filled in strict rotation from that date on. 12 for $1.50, 25 for $2.50, 50 for $4.00, all postpaid; $6.00 per 100, $50.00 per 1000, by express.

We guarantee all cuttings to be well rooted and to arrive in good condition.

A. B. DAVIS & SON, Purcellville, Va.

Carnation rooted cuttings.

	100	1000		100	1000
Flamingo	$6.00	$50.00	Lawson	$1.50	$12.50
The Belle	5.00	45.00	M. Glory	1.50	12.50
Crusader	5.00	45.00	Joost	1.50	12.50
Bountiful	5.00	45.00	Estelle	1.50	12.50
Indian'polis	5.00	45.00	H'inbotham	1.00	9.00
Ench'tress	3.00	25.00	Hill	1.00	9.00
B. Market	2.50	20.00	Q. Louise	1.00	9.00
Nelson	1.50	12.50	Peru	1.00	9.00
Adonis	2.50	20.00	G. Angel	1.00	9.00

RICHMOND GEM, $10.00 100; $75.00 1000.

All cuttings sold under condition that if not satisfactory they may be returned.

P. Reinberg, 51 Wabash Ave., Chicago.

Rooted carnation cuttings.

White.	100.	1000	Pink.	100	1000
L. Bountiful	$4.00	...	Enchantress	$3.50	$30
Vesper	4.00	$35	Lawson	2.00	15
Queen	2.50	20	Fairmaid	2.00	15
Q. Louise	2.00	15	Indianapolis	4.00	..
Wolcott	2.00	15	Ethel Ward	4.00	..
B. Market	2.00	15	**Variegated.**		
W. Lawson	6.00	50	Mrs. Patten	6.00	..
Crimson			Prosperity	2.00	15
Harlowarden	2.50	20	Gaiety	2.00	15
Octoroon	4.00	..	Stella	2.00	15
Flamingo	5.00	40	M. Field	2.00	15

S. S. Pennock, Philadelphia, Pa.

Rooted carnation cuttings.

	100	1000		100	1000
L. Bountiful	$6.00	$50	Nelson	$3.00	$25.00
The Belle	6.00	50	H. Fenn	2.50	20.00
Flamingo	6.00	50	G. Wolcott	2.50	20.00
N. Fisher	6.00	50	Adonis	2.50	20.00
Mrs. Patten	6.00	50	Lawson	2.00	17.50
Enchantress	3.50	30	Fair Maid	2.00	17.50
Prosperity	3.00	25	W. Cloud	1.50	12.50
Manley	3.00	25	M. Glory	1.50	12.50
B. Market	3.00	25	Joost	1.25	10.00
Triumph	1.25	10			

500 at 1000 rate.

W. J. & M. S. Vesey, Fort Wayne, Ind.

ROOTED CARNATION CUTTINGS.

All orders filled in rotation.

	100		100
Mrs. Patten, var.	$6.00	Queen, white	$3.00
White Lawson	6.00	B. Market, white	3.00
Albatross, white	6.00	Queen Louise	2.00
Flamingo, scarlet	6.00	Lawson	2.00
Enchantress	3.50	Manley, scarlet	2.00
Challenger	2.00		

Write for prices on large lots; 5 per cent discount for cash with order.

James D. Cockcroft, Northport, L. I., N. Y.

WHITE LAWSON, which we introduced last year, has given great satisfaction and has proved to be the finest WHITE CARNATION ever sent out. Remember that we are headquarters for it. We are now booking orders for early delivery, at $7.00 100; $60.00 1000 for first-class, strong rooted cuttings.

We have all the other novelties of the season—Fiancee, Cardinal, Fred Burki, etc., also the cream of the older sorts—Mrs. Patten, Daheim, Enchantress, Flamingo, Mrs. Lawson, etc.

F. R. PIERSON CO., Tarrytown, New York.

Rooted carnation cuttings, per 100: Flamingo, $5.00; Enchantress, $3.00; Boston Market, $2.00; Lawson, $1.00. Cash with order, please.

Chas. Wiffin, Des Plaines, Ill.

The new scarlet seedling ROBERT CRAIG, the ideal Christmas carnation. Prices: $2.50 doz., $12.00 100, $100.00 1000. 2500 lots, $95.00 1000; 5000 lots, $90.00 1000; 10,000 lots or more, $80.00 1000.

The new white seedling LIEUT. PEARY, commences blooming Oct. 15 and flowers continuously through the winter. A first-class commercial variety in every respect. Prices: $12.00 100; $100.00 1000.

Send orders early to

Cottage Gardens Co., Inc., Queens, N. Y.

Rooted carnation cuttings ready now. Fine healthy stock. Orders booked for future delivery.

	100	1000		100	1000
W. Lawson	$7.00	$60.00	Enchant'ss	$3.50	$30.00
Bountiful	6.00	50.00	Flamingo	6.00	
Mrs. Patten	6.00	50.00	B. Market	2.50	20.00
N. Fisher	7.00	60.00	The Queen	2.50	20.00
Daheim	6.00	50.00	Mrs. Lawson	2.50	20.00

List of other varieties on application.

Wood Bros., Fishkill, N. Y.

Rooted carnation cuttings from strictly first-class stock.

	100	1000		100	1000
Mrs. Patten	$6.00	$50	Queen	$2.50	$20
Flamingo	6.00	50	Fair Maid	2.50	20
Crusader	6.00	50	Harry Fenn	2.50	20
Enchantress	3.50	30	Manley	3.00	25

Express prepaid where cash accompanies the order. Satisfaction guaranteed.

GEO. E. BUXTON, Nashua, N. H.

Carnation cuttings.

	100	1000		100	1000
Enchantress	$4	$30	M. A. Patten	$6	$50
Queen	3	25	Lawson	2	15
Fair Maid	3	25	Wolcott	2	15
Harry Fenn	3	25	Manley	2	15
Q. Louise	2	15	Estelle	2	15

Our stock is first-class, and we guarantee our cuttings to be A1 and well-rooted.

The Lewis Conservatories, Marlboro, Mass.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$3.50	$30	Fairmaid	$2.50	$20
Queen	3.00	25	Q. Louise	2.00	15
Lawson	2.50	20	Cressbrook	2.00	15
Challenger	2.00	15	Maceo	2.00	15
H. Fenn	3.00	25	Prosperity	2.50	20
G. M. Bradt	3.00	25	Fiancee	12.00	100

C. Warburton, Fall River, Mass.

Rooted carnation cuttings.

	100	1000		100	1000
Fiancee	$12.00	$100	Mrs. Joost	$2.00	$15
W. Cloud	2.00	15	Crane	2.00	15
Norway	2.00	15	America	2.00	15
Mrs. Lawson	2.00	15	Prosperity	2.00	15
Morn. Glory	2.00	15	Gaiety	2.00	15
Gov. Wolcott	2.00	15			

Bassett & Washburn, 76 Wabash ave., Chicago.

Carnation cuttings, well-rooted, from selected stock.

	100	1000		100	1000
Nelson Fisher	$7.00	$60	Enchantress	$4.00	$30
Mrs. Patten	6.00	50	H. Fenn	3.00	25
Flamingo	6.00	50	Manley	3.00	25
Crusader	6.00	50	Fair Maid	2.50	20
D. Whitney	5.00	40	Queen	3.00	25

Backer & Co., Billerica, Mass.

Our specialty, in carnations, is UNROOTED CUTTINGS. We have the best varieties for business. Fair Maid, Mrs. Thos. W. Lawson, Boston Market, Queen, $10.00 per 1000; 250 or more at 1000 rate. Flamingo and Crusader, $2.00 per 100. Careful packing and prompt shipment. Cash, please.

STEPHEN CHASE, Nashua, N. H.

Rooted carnation cuttings. Our stock is first-class, true to name and will be ready for delivery March 1.

	100	1000		100	1000
Lawson	$2.50	$20	H. Fenn	$2.50	$20
Q. Louise	2.00	15	Mrs. Roosevelt	2.50	20
Alpine Glow	2.00	15	Manley	2.50	20

H. Eitzholtz, Cedarhurst, L. I., N. Y.

Rooted carnations, now ready.

	100	1000		100	1000
Ench'tress	$3.50	$27.50	Flamingo	$5.00	$40.00
Manley	3.00	25.00	B. Market	3.00	25.00
H. Fenn	2.50	20.00	Fair Maid	2.50	20.00
Wolcott	2.50	20.00	Lawson	2.50	20.00

Mrs. M. A. Patten, $6.00 100; $50.00 1000.

Henry A. Stevens Co., East St., Dedham, Mass.

Rooted carnation cuttings.

	100	1000		100	1000
Mrs. Patten	$5.00	$45	Mrs. Nelson	$2.50	$20
Enchantress	3.00	25	Harry Fenn	2.50	20
Fair Maid	2.50	20	The Queen	2.50	20
Mrs. Lawson	2.50	20	Queen Louise	2.00	15
Harlowarden	2.50	20			

Standard Greenhouses, Norwood, R. I.

Carnation rooted cuttings.

	100	1000		100	1000
Enchant.	$4.00	$30.00	Joost	$1.25	$10.00
Lawson	1.50	12.50	Marquis	1.25	10.00
B. Mkt.	3.00	20.00	W. Cloud	1.50	12.50
F. Hill	1.25	10.00	Q. Louise	1.25	10.00
Estelle	2.50	20.00	Prosperity	2.00	15.00

W. C. Hill Floral Co., Streator, Ill.

Fine rooted cuttings of Boston Market ready now, $17.00 1000; an excellent substitute for Flora Hill.

H. A. Molatsch, 68th St., bet. 8th & 9th Ave., Brooklyn, N. Y.

CARNATIONS—Continued.

Rooted carnation cuttings. Per 1000:

Enchantress	$25.00	Adonis	$25.00
Lord	10.00	Estelle	12.50
Angel	10.00	Bradt	10.00
Lawson	12.50	Peru	10.00
Flora Hill	10.00	Q. Louise	8.00

Cash or C. O. D.
Percy Jones, 58-60 Wabash Ave., Chicago.

Carnation cuttings, strong and well-rooted.

	100	1000		100	1000
Queen	$2.50	$20	Q. Louise	$2.00	$15
Boston Mkt.	2.00	15	Enchantress.	3.00	25
Harlowarden	2.50	20	Prosperity	2.00	15
Lawson	2.00	15	Fairmaid	2.00	15

S. J. Reuter, Westerly, R. I.

Rooted carnation cuttings. Per 100:

Red Lawson	$8.00	Flora Hill	$1.25
Mrs. Lawson	1.25	Queen Louise	1.25
Enchantress	2.50	Marquis	1.25
Nelson	1.50	Joost	1.00

Cash with order or C. O. D.
F. G. Lewis, 519 Locust St., Lockport, N. Y.

Rooted carnation cuttiugs, clean and healthy.

	100	1000		100
Mrs. M. A. Patten	$6		Enchantress	$3
Nelson Fisher	7		Wolcott	2
Boston Market	2		J. H. Manley	2
Macco	2			

Sidney Littlefield, North Abington, Mass.

Surplus stock of fine carnations, such as Joost, Floriana, Dorothy, Glacier, Flora Hill, Queen Louise, Lillian Pond, Roosevelt, at $5.00 per 100, or will exchange for Princess of Wales violets.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Rooted cuttings ready.

	100	1000		100	1000
W. Lawson	$7	$60	Pink Lawson	$3	$20
Enchantress	4	30			

Send for catalogue for other varieties.
Chicago Carnation Co., Joliet, Ill.

Heavily rooted cuttings, 1,500 Prosperity, 2,500 Joost, 1,000 Queen Louise, 250 Albertini, 200 Higinbotham, 100 Cressbrook, $2.00 100; $17.50 1000 while they last; C. O. D., or if cash is sent with order express will be prepaid.
South Bend Floral Co., South Bend, Ind.

Rooted cuttings, per 100: Flamingo and Indianapolis, $5.00; Crusader, $6.00; B. Market, $2.00; Queen, $2.50; Enchantress, $3.00; Lawson, $1.35. B. Market and F. Maid, unrooted, $1.00; for other varieties, write
Otto Bourdy, Lowell, Mass.

Place your order now for the new carnation FRED BURKI. Will be disseminated in 1905. Price: $12.00 100, $100.00 1000; 250 at 1000 rate. Address S. S. Skidelsky, 824 No. 24th St., Philadelphia, Pa., or
John Murchie, Sharon, Pa.

Rooted carnation cuttings.

	100	1000		100	1000
W. Lawson	$6.00	$50.00	Flamingo	$6.00	$50.00
Enchantress	3.50	30.00	The Queen.	2.50	20.00

The Cardinal, from 2-in. pots, $12.00 per 100.
Larchmont Nurseries, Larchmont, N. Y.

The best big-flowered, general purpose scarlet carnation now before the trade is CARDINAL. We also have Fiancee and Fred Burki. All three at $12.00 per 100, $100.00 1000. Send for our trade list. E. G. HILL CO., Richmond, Ind.

Rooted cuttings, now ready. Strong and healthy. Price per 1000, Enchantress, $30.00; Prosperity and Nelson, $25.00; Lawson, Estelle and Wolcott, $20.00; Q. Louise and H. Maid, $15.00. Henry Baer, R. F. D. 3, Peoria, Ill.

25,000 rooted carnation cuttings for January and February delivery: Flora Hill, Mrs. McGowan, Joost, Queen Louise, Elbon, a fine red. All at $10.00 1000. Cash with order, please.
Locust Street Greenhouses, Oxford, Pa.

PALMER'S RED LAWSON, sport from the famous Mrs. Thos. Lawson. Planted May 18, in full crop middle of August. Rooted cuttings, $10.00 100; $40.00 500; $75.00 1000.
W. J. Palmer & Son, Lancaster, N. Y.

Strong, healthy rooted carnation cuttings. Joost, pink, $1.00 100, $8.00 1000; Peru, white, $1.00 100, $10.00 1000; Prosperity, fancy, $1.50 100. Enchantress, shell-pink, $3.50 100.
J. R. Shreiner, Lancaster, Pa.

Well-rooted cuttings, ready now. Per 100:

Enchantress	$2.50	Lawson	$1.50
Fairmaid	2.50	Flora Hill	1.00
Boston Market	2.50	Joost	1.00

F. P. Sawyer, Clinton, Mass.

Carnations. Selected young stock of Flamingo, Enchantress, Queen, Queen Louise, Wolcott, Lawson, Floriana, Lord and Fiancee. Write for prices. Robt. C. Pye, Nyack, N. Y.

MY MARYLAND, the largest, most productive, most profitable white carnation yet raised will be disseminated in 1906. Write us about it.
H. Weber & Sons, Oakland, Md.

Unrooted carnation cuttings of Enchantress, $1.50 per 100; Lawson, 75c 100; Crane, America and F. Hill, 50c per 100.
Samuel Whitton, 15-17 Gray ave., Utica, N. Y.

CRISIS, the best commercial red; thoroughly tried; it's a money-maker. Price: $12.00 100; $100.00 1000. J. L. Dillon, Bloomsburg, Pa.

Carnation WM. PENN, a new pink well worth a trial by every grower of carnations. Send for descriptive list now.
Albert M. Herr, Lancaster, Pa.

Rooted carnation cuttings now ready. Send for price list of all the new and standard varieties.
Wm. Swayne, Box 226, Kennett Square, Pa.

Carnations, unrooted cuttings. Lawson, Q. Louise, G. Lord, $10.00 1000; Joost, $7.50; 250 at 1000 rates. H. B. Gilbert, Plainville, Conn.

Unrooted pips. Flora Hill, Maceo, Freedom, Marquis and Mrs. Jas. Dean, 50c 100; prepaid.
Hopkins & Hopkins, Chepachet, R. I.

Unrooted carnation pips of Hill, Joost, Peru, Melba, Crocker and G. Lord, 50c per 100. Cash.
John J. Heibeck, Atglen, Pa.

Carnations. Hardy garden, Henderson's strain; flower in June; per 100, $3.50 prepaid.
J. Sylvester, Oconto, Wis.

Mrs. Fisher carnations for summer bloom, strong 2-in., $2.50 100. Cash.
Wm. Keir, Pikesville, Md.

Fieldgrown carnation plants, Joost, Freedom and Good Enough, $4.00 100.
Converse Greenhouses, Webster, Mass.

Our rooted carnation cuttings are now ready. Write me for list and prices.
Geo. A. Kuhl, Pekin, Ill.

Rooted carnation cuttings. Write for prices.
The Philippi Nurseries, Rocklin, Cal.

CHRYSANTHEMUMS.

Chrysanthemum stock plants.

	Each	12		Each	12
Dr. Enguehard	35c	$3	Rockford	25c	$3
W. Mrs. Tranter	35c	3	Uncle John	35c	3
American Beauty	35c	3	Mrs. Probin	35c	
S. J. Wright	50c	5	Mrs. Newell	35c	

Pacific, Polly Rose, Willow Brook, Ivory, Mrs. J. Jones, 10c ea.; $6.00 100. Orizaba, Halliday, Monrovia, Merry Xmas, Liger, H. Sinclair, 10c ea.; $7.00 100.
H. Weber & Sons, Oakland, Md.

Among the new varieties which we had on trial for this year are some magnificent sorts, 9 of which have been awarded certificates. Send for our trade list which gives varieties, prices and full descriptions of each.
E. G. HILL CO., Richmond, Ind.

Chrysanthemums. Strong stock plants of Dr. Enguehard, $1.00 per doz. Silver Wedding, Col. D. Appleton, Mrs. Jerome Jones, Columbia, Grates, W. K. Rieman, Helen Bloodgood, Marie Liger, White Bonnaffon, Mrs. S. J. Tranter, 75c per doz.
C. W. Reimers, Hite Ave., Louisville, Ky.

Chrysanthemum novelties. We are headquarters for the best new varieties Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Milleham, Lady Cranston, A. J. Miller, Mrs. D. V. West, etc. Complete list now ready. Send for copy. Chas. H. Totty, Madison, N. J.

Chrysanthemums Wm. Duckham, Dr. Enguehard, A. J. Balfour, Alice Byron, white and yellow; Golden Chadwick, Yellow Eaton, Appleton, Omega and Marion Newell, large, good, healthy clumps. Write for prices.
The B. K. & B. Floral Co., Richmond, Ind.

White Maud Dean stock plants, 25c each, $2.50 per doz., identical with Pink Maud Dean.
Evenden Bros., Williamsport, Pa.

See our large adv. about the new chrysanthemum in this issue.
Ellsworth Florist, Grand Island, Neb.

CINERARIAS.

Cinerarias. James Prize, Columbian, and Stellata, 4 and 4½-in., in bud, 24 for $2.50; 6-in., 15 to 18 inches high, full of buds, 12 for $2.00; safely packed.
J. Sylvester, Oconto, Wis.

Hybrid cinerarias, Michell's best strain, 2-in., $3.00; 3-in., $6.00; 4-in., $8.00 per 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

CLEMATIS.

Large-flowered clematis, purple, lavender, white and red sorts, 2 yr., 18c; 1 yr., 9c.
W. H. Salter, Rochester, N. Y.

COLEUS.

Coleus rooted cuttings, 60c per 100, $5.00 per 1000; 2-in., $2.00 100, $18.00 1000. Golden Bedder, Verschaffeltii and other varieties. Orders booked for future delivery.
E. B. Randolph, Delavan, Ill.

Coleus, 10 best varieties, 2¼ or 2½-in., $2.50 100, $20.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Coleus rooted cuttings, 30 named varieties, 70c 100; $6.00 1000. Prepaid.
C. Humfeld, Clay Center, Kan.

Coleus rooted cuttings, 40 var., 70c 100; $6.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Coleus, 12 best varieties, 2-in., full of cuttings, $2.00 100. A. J. Baldwin, Newark, Ohio.

Coleus, good varieties, 2¼-in., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

CUPHEAS.

Cuphea (cigar plant), rooted cuttings, $1.25 100; $10.00 1000. Prepaid.
C. Humfeld, Clay Center, Kan.

CYCLAMEN.

Cyclamen persicum splendens, best Hamburg strain, in 5 colors; strong, 3½ and 4-in., in bud and bloom, $12.00 and $18.00 per 100. Cash with order, please. H. Book, Worcester, Mass.

Cyclamen giganteum, 3-in., fine plants, $7.00 100. Cash, please. Fred Grohe, Santa Rosa, Cal.

DAHLIAS.

DAHLIAS. Pot roots for immediate shipment. Every section, including the popular CACTUS dahlias, at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 100. These are postpaid terms; note this when comparing prices.
Twelve seedling CACTUS dahlias, all 1903 sorts, and certificated by the Dahlia societies in England, $2.50 postpaid.
1904 seedling CACTUS dahlias. A rare opportunity; only a few to offer at $1.25 each, postpaid, in quantities of not less than 4 sorts, or 1 of each (there are 16 of them) for $16.00, postpaid.
Terms: Cash with order. Catalogue free.
Hobbies Limited, Norfolk Nurseries, Dereham, England.

MRS. WINTERS, still the leading white. My sales of this variety for the past two years were phenomenal; also INGEBORG EGELAND, the new scarlet cactus. Do not fail to list these two novelties. Also fine stock of leading novelties and standard varieties. Catalogue of dahlias, peonies, hollyhocks, gladioli and hardy plants, now ready.
W. W. WILMORE, Dahlia Specialist,
Box 382, DENVER, COLO.

DAHLIAS. Half a million pot roots ready for dispatch. The largest and most up-to-date collection in the world. Special low quotations to the trade upon receipt of requirements. Catalogues free.
The Horticulture Company, Champion Dahlia Specialists, Cheadle-Hulme, Cheshire, England.

Dahlias, field roots. Clifford W. Bruton, yellow; Storm King, pure white; A. D. Livoni, pink; Maid of Kent, red, tipped white, $5.00 per 100; mixed, $4.00 per 100. The Brighton Seed & Floral Co., 215 Occidental Ave., Seattle, Wash.

Dahlia roots. Good selection of standard varieties, $5.00 100; $40.00 1000. Mixed, $4.00 100; $35.00 1000. Send for list.
R. Vincent, Jr. & Son, White Marsh, Md.

DAISIES.

NEW SHASTA DAISIES
ALASKA, CALIFORNIA, WESTRALIA, $3.00 doz.; $15.00 100. Having obtained my stock from Mr. Burbank, it is warranted to be pure and true to name. Postal for circular. Shasta daisy "Shasta," strong field plants, $3.00 100. Small plants, one-third less. Prepaid. Cash, please. Fred Grohe, Santa Rosa, Cal.

Shasta daisies, 2½-in. pots, extra strong plants from assorted blooms, $3.00 100; $25.00 1000. National Plant Co., Dayton, Ohio.

Daisies, $1.00 per 100.
S. D. Brant, Clay Center, Kan.

DRACÆNAS.

Dracaena indivisa, 6 to 10 inches high, fine stock to grow on, $5.00 per 1000.
Golden State Plant and Floral Co., Santa Monica, Cal.

Dracaena indivisa, 2¼ or 2½-in., $3.00 100, $25.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

300 Dracaena indivisa, fine, strong plants, out of 4-in. pots, $1.25 per doz.
John F. Auer, Sykesville, Md.

Dracaena indivisa, strong 2½-in., $2.50 per 100; 4-in., $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Dracaena Bruanti, 6-in., 20 to 25 inches high, 50c each, $5.00 doz.
Godfrey Aschmann, 1012 Ontario St., Phila.

Dracaena indivisa, 4-in., $8.00 100. Cash.
Wm. Keir, Pikesville, Md.

Dracaena indivisa, 3-in., 10c.
Rhoten Bros. & Co., Bx. 5, Danville, Ill.

EASTER NOVELTIES.

For Easter forcing we have Japanese multigrafted maples; Japanese novelties in hydrangeas, true azure blue, new rose; Japanese peonies, herbaceous, choicest sorts; tree peonies (finer than azaleas), white, rose, scarlet, violet, well budded; fern designs, such as full rigged ships, frogs, storks, monkeys, pagodas, log cabins, etc.
H. H. Berger & Co., 47 Barclay St., New York.

EUPHORBIAS.

Euphorbia splendens, 2½-in., $7.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

FARFUGIUMS.

Farfugium grande, bushy, 3-in., $10.00 per 100. Iowa Seed Co., Des Moines, Iowa.

FERNS.

Cibotium Schiedei, the most magnificent tree fern in cultivation, extra large specimens, 12-in. pots, $15.00 each, $25.00 pair; 10-in. pots, $5.00 each, $9.50 pair; 8-in. pots, $2.75 each, $32.00 doz.; 7-in. pots, $1.75 each, $20.00 doz. Assorted ferns, 4-in., suitable for large jardinieres and basket work, in 10 good varieties, $15.00 100; fine bushy stock from 2¼-in. pots, in all the best varieties, $3.00 100, $25.00 1000, 500 at 1000 rate.
Anderson & Christensen, Short Hills, N. J.

Cyrtomium falcatum, the holly fern, fine, bushy plants in 2¾-inch pots, 3½ cts. Boston ferns, strong 5-inch plants, 20 and 25 cts. Nephrolepis Anna Foster, large plants, 4-inch, 12 cts. Cash please.
R. G. Hanford, Norwalk, Conn.

Boston ferns, 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100. Piersoni rooted runners, $2.00 100. Scottii, $5.00 100.
Davis Bros., Geneva, Ill.

Boston and Pierson ferns. To make room quick—2½-in., 3c; 3-in., 5c; 4-in., 8c; 5-in., 20c; 6-in., 25c. A few 7-in., 50c.
S. M. Harbison, Danville, Ky.

Boston ferns, extra fine stock cut from bench for 5, 6, 7, 8-inch pots, at $25.00, $50.00, $75.00, $100.00 per 100.
L. H. Foster, 45 King St., Dorchester, Mass.

Japanese fern balls, 7 to 9 inch., 20c ea., $2.25 doz., $18.00 100; 5 inch, 15c ea., $1.50 doz., $10.00 100.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Nephrolepis Scottii, 6-in., pot-grown, ready for 8-in., $15.00 doz.; 7-in., $24.00 doz.; 8-in., $36.00 doz.
John Scott, Keap St., Brooklyn, N. Y.

Boston ferns taken from bench, $10.00, $15.00, $20.00, $25.00 and $50.00 per 100. Extra fine stock. Wm. A. Bock, No. Cambridge, Mass.

Boston ferns, 2½-in., $5.00 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c; 6-in., 40c; 7-in., 90c.
W. J. & M. S. Vesey, Fort Wayne, Ind.

We are headquarters for Boston and Piersoni ferns. The stock is fine and thrifty. Write
Geo. A. Kuhl, Pekin, Ill.

Boston ferns, well-established, 2¼ or 2½-in., $30.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Boston ferns, fine plants, 4-in., $12.00 per 100; 5-in., $24.00 per 100.
Converse Greenhouses, Webster, Mass.

Boston ferns, strong plants from 4-in. pots, $10.00 per 100.
The W. T. Buckley Co., Springfield, Ill.

Boston ferns, 3-in., 4-in., 5-in., at 6c, 8c and 12c.
Rhoten Bros. & Co., Bx. 5, Danville, Ill.

Special discount on Boston and Pierson ferns.
J. B. Braidwood, Colorado Springs, Colo.

Boston ferns, 2¼-in., $3.00 100; $30.00 1000.
Iowa Seed Co., Des Moines, Iowa.

Boston ferns, extra fine 2-in., 3½c.
A. J. Baldwin, Newark, Ohio.

GARDENIAS.

Cape Jessamines, Gardenia Florida, strong and stocky, 3 to 6-in., $2.00 100; $18.00 1000; 6 to 8-in., $3.00 100; $25.00 1000. Field-grown plants, 12 to 18-in., $10.00 100.
John Monkhouse, Jewella, La.

GERANIUMS.

We have ready now 100,000 geraniums, composed of the following varieties in 2¼-in. pots, at $18.00 1000; $2.00 100. S. A. Nutt, Beaute Poitevine, M. Canovas, Double Gen. Grant, Bruantt, R. Brett, E. G. Hill, La Favorite, Perkins, all in fine condition.
J. E. Felthousen, Schenectady, N. Y.

Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong 2½-in. plants, $5.00 per 100.
ANDREW PETERSON, Paxton, Ill.

Well rooted geranium cuttings ready for shipment. S. A. Nutt, Grant, Bruantt, Buchner Favorite, Montmort, Perkins, $10.00 per 1000. Viaud, Soleil, Gervais, $12.00 per 1000. Cash with order. Peter Brown, Lancaster, Pa.

Nutt, Viaud, Buchner, Ricard, Perkins, Doyle and Poitevine, 2-in. pots, $2.00 per 100, $20.00 per 1000. Cash. Ernest Harris Delanson, N. Y.

Geranium rooted cuttings, $1.50 per 100; also stock plants. Rooted cuttings of other bedding plants. Levant Cole, Battle Creek, Mich.

Geraniums; good, strong, stocky plants from 2¼-in. pots.

Double.	12	100	1000
Bruantt, dbl. orange red	40c	$2	$20.00
Centaure, beautiful rose pink	40c	2	17.50
C. de Harcourt, pure white	40c	2	20.00
Dbl. Gen. Grant, vermilion scarlet	40c	2	17.50
Gloire de France, white, pink shading	40c	2	17.50
Jean Viaud, bright rose pink	40c	2	17.50
Le Cid, dark scarlet, crimson	40c	2	17.50
La Favorite, pure white	40c	2	20.00
Miss F. Perkins, light pink	40c	2	20.00
Miss Kendall, dark cerisette	40c	2	20.00
Mme. Charrott, rosy salmon pink	40c	2	20.00
Mme. Barney, rose pink	40c	2	20.00
Mme. Buchner, white	40c	2	20.00
Mme. Landry, apricot salmon	40c	2	17.50
Mme. Canovas, dark maroon	40c	2	20.00
S. A. Nutt, scarlet crimson	40c	2	20.00
Singles.			
Granville, rose pink	40c	2	17.50
L'Auba, pure white	40c	2	17.50
Queen of the West, orange-scarlet	40c	2	17.50
Sgl. Gen. Grant, crimson scarlet	40c	2	17.50

SPECIAL PRICE FOR THIS WEEK.
Not less than 250 of any one variety of the following at $15.00 per 1000; 6000 for $100.00: Dbl. Gen. Grant, Gloire de France, Jean Viaud, Mme. Landry, Granville and Queen of the West.
Send for our descriptive geranium catalogue.
R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums Nutt, Ricard, Poitevine, Mme. Barney, etc., strong stock from 2¼ or 2½-in., $25.00 1000. Our selection of varieties in assorted colors, $20.00 1000. 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Geranium PETER HENDERSON, a very much improved double Grant, should be in every grower's collection.
Strong rooted cuttings delivered free at 50c per doz. Albert M. Herr, Lancaster, Pa.

Geraniums, double, single and ivy leaf varieties; strong plants, $3.00 100, $25.00 1000; strong rooted cuttings, $2.00 100, $15.00 1000.
Wood Bros., Fishkill, N. Y.

Geraniums, mixed; fine, stocky plants in 2¼-in. pots. Bruantt, S. A. Nutt, Castaline, Jean Viaud and other leading bedders, $1.75 per 100.
Buterbaugh & Sprinkle, Waynesboro, Pa.

Geranium rooted cuttings, S. A. Nutt, Paul Bruant, Viaud, B. Poitevine, Mrs. E. G. Hill, Buchner, $1.50 100, $14.00 1000.
The W. T. Buckley Co., Springfield, Ill.

Fine geraniums, 2½-in. pots, $2.00 100. Jean Viaud, E. G. Hill, Ricard, Happy Thought, Crystal Palace Gem.
National Plant Co., Dayton, Ohio.

Geraniums. Rose, $1.50; Mme. Salerol, $1.25 per 100. Strong rooted cutting by mail.
S. W. Pike, St. Charles, Ill.

Wm. Langguth, best dbl. red, silver leaf, 2-in., $5.00 100.
Iowa Seed Co., Des Moines, Iowa.

Apple scented geranium, 2-in., $3.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

GLADIOLI.

Gladioli. Highest quality grown in the world. Groff's hybrids and other sorts the best obtainable. See display adv. in this issue.
Arthur Cowee, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.

200,000 gladiolus bulbs, good stock, ¾ to 1½-in.; also choice gladiolus seed. Write for low prices. S. Huth, Cuyahoga Falls, Ohio.

Gladiolus bulbs. Msy and Groff's hybrids (both genuine). All sizes for sale cheap. Cash, please. P. O. Coblentz, New Madison, Ohio.

Augusta, different sizes; also small grades, at $3.50 and $5.00 per 1000.
John Fay Kennell, Chili Center, N. Y.

The Bride, May, white or rose; Augusta, pure white. Write for prices.
H. H. Berger & Co., 47 Barclay St., New York.

Eugene Scribe, Augusta, also mixture. Write for prices. E. E. Stewart, Rives Junction, Mich.

Our gladiolus bulbs are good. Try them.
Cushman Gladiolus Co., Sylvania, O.

GREVILLEAS.

Grevillea robusta, 2-in., $3.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

HARDY PLANTS.

Extra fine blue spruce (Koster), from 2 to 5 ft. high, taxus in all sizes, conifers, hardy shrubs, etc. All strictly first-class. Catalogue free. Van der Weijden & Co., Boskoop, Holland.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

For your trees, shrubs, vines and small fruits send to WM. H. MOON CO., Morrisville, Pa.

Boxwood pyramids, 4 ft., $150.00 100; 3 ft., $100.00 100. Boxwood for pots, fine stock, $25.00 100. Rhododendrons, hybrids for forcing, $50.00 100; larger size, $75.00 to $100.00. Azalea mollis, well budded, $25.00 100; standards, $50.00 100; extra, $75.00 100. Deutzia crenata, $13.00 100; D. Lemoinei, $15.00 100. Hydrangea paniculata grandiflora, $15.00 100. Lilacs, $45.00 100. Aristolochia Sipho, extra fine, $45.00 100. Dielytra spectabilis, fine roots, $7.50 100. Magnolia in variety, large plants, $150.00 100.
F. W. O. Schimtz, Prince Bay, N. Y.

Finest stock of hardy forest rhododendrons in the U. S., especially suited for planting on fancy lawns and on large estates. Large orders solicited. Also 200,000 extra fine apple, plum, pear, peach, cherry and quince trees at reasonable prices. We also have a full line of small fruits.
Riverside Nursery Co., Confluence, Pa.

Fruit trees, small fruits, ornamental trees, evergreens and shrubs, shade trees, hardy plants, climbers, etc. We have the most complete collections in the country. Illustrated descriptive catalogue free.
Ellwanger & Barry, Drawer 1044 W, Rochester, N. Y.

Shrubs, plants, bulbs. Wholesale or retail. Write D. Rusconi, Importer, 32 West 6th St., Cincinnati, O.

Apple seedlings, apple grafts, forest tree seedlings and general nursery stock.
Shenandoah Nurseries, Shenandoah, Iowa.

We handle the best grade of nursery stock only. Send for our catalogue.
Western Seed Co., Shenandoah, Iowa.

Trees and shrubs, fine varieties, low prices. Send for catalogue.
Peterson Nursery, 504 W. Peterson Ave., Chicago.

HELIOTROPES.

Heliotropes, dark purple and blue, named varieties, 2¼ or 2½-in. pots, $3.00 100, $25.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Heliotropes, rooted cuttings, 10 best varieties, $1.00 100; $8.00 1000. Prepaid.
C. Humfeld, Clay Center, Kan.

Heliotrope rooted cuttings, 12 var., $1.00 100, $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Heliotropes, light and dark, rooted cuttings, $1.00 100. Cash, please.
Fred Grohe, Santa Rosa, Cal.

Heliotropes, 2¼-in., fine stock, $2.00 per 100. Cash. W. H. Parsil, Summit, N. J.

Heliotropes, good varieties, 2¼-in., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

HIBISCUS.

Hibiscus Peachblow, grandest variety out, 2¼ or 2½-in., $3.00 100.
Storrs & Harrison Co., Painesville, O.

Hibiscus Peachblow, 2-in., $3.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

Hibiscus, 3 varieties, $3.00 100.
R. Vincent, Jr., & Son, White Marsh, Md.

HOLLYHOCKS.

Hollyhocks. Large field-grown plants, $3.00 per 100. Double varieties in red, white, pink, yellow and maroon; also the Allegheny strain in mixture at same price. Catalogue of peonies, hardy plants, gladioli and dahlias now ready.
W. W. WILMORE, Box 382, Denver, Colo.

Hollyhock seeds, single, mixed, 65c per oz. 1904. Allegheny strain, mixed, 85c per oz.
Jos. S. Chase, Malden, Mass.

Hollyhocks, dbl. white, mixed, 3-in., $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

HYDRANGEAS.

Hydrangea pan. grand., bushy plants, 8c.
W. H. Salter, Rochester, N. Y.

IVY.

Hardy English ivy, $2.00 100, $15.00 1000.
R. Vincent Jr. & Son, White Marsh, Md.

German ivy, 2¼ or 2½-in., $2.50 100.
Storrs & Harrison Co., Painesville, O.

JAPANESE NOVELTIES.

Japanese tiny plants and dwarfed trees of many varieties in attractive Japanese pots. An immense stock and the only stock of these novelties in the country; great value, first-class sellers, wonderfully unique and attractive. Price, $25.00 per 100.
Suzuki & Hida, 31 Barclay St., N. Y. City.

LANTANAS.

Lantanas, 10 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

LEMONS.

Lemons. Ponderosa or American Wonder, nice 2-in. plants, $3.00 per 100; strong 4-in., $18.00. Iowa Seed Co., Des Moines, Iowa.

LILY OF THE VALLEY.

Bruns' extra fine Berlin pips, for early forcing $1.25 100; $12.00 1000; $29.00 per case of 2500.
Finest cut valley always on hand, at Chicago market price.
H. N. Bruns, 1400 W. Madison St., Chicago.

Russian lily of the valley, the best for early or late forcing, $15.00 per 1000, $32.50 per 2500; $125.00 per 10,000.
Stumpp & Walter Co., 50 Barclay St., N. Y.

Lily of the valley pips.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

MOONVINES.

Moon vines, white and blue, 50c doz., $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

MUSHROOM SPAWN.

Mushroom spawn, fresh importation, 10 lbs., 90c; 25 lbs., $1.75; 100 lbs., $6.50.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

MYRTLE.

Crape myrtle, pink and purple, field-grown, 12 to 18-in., $6.00 100.
John Monkhouse, Jewells, La.

ORANGE TREES.

Orange trees. Write for prices.
The Philippi Nurseries, Rocklin, Cal.

ORCHIDS.

We have always on hand a stock of established and semi-established orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

PALMS, ETC.

Kentia Forsteriana, made-up plants, 3 in a pot, 5 to 6½-in. pots, 30 inches high, 75c each; 35 to 40 inches high, fine, $1.00 to $1.50 each. Latania borbonica, healthy plants, 5 to 6 leaves, 50c each. Cocos Weddeliana, 3-in., 15c each.
Godfrey Aschmann, 1012 Ontario St., Phila.

Latania borbonica. We have 10,000 strong, thrifty plants in 2½ and 3-in. pots (some of which are showing character leaves), ready for immediate shift. We offer them, while they last, at $5.00 100; $45.00 1000.
Dingee & Conard Co., West Grove, Pa.

Kentia Belmoreana, clean stocky plants with several leaves, 2¼ or 2½-in., $5.00 100, $45.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Chamerops excelsa palm, strong 2-in., $4.00 per 100 by mail.
Golden State Plant and Floral Co., Santa Monica, Cal.

Kentia Belmoreana, from 50c to $5.00 each.
Wm. A. Bock, No. Cambridge, Mass.

Philadelphia-grown palms. Write.
Joseph Heacock, Wyncote, Pa.

Kentia palms. Large assortment.
L. H. Foster, Dorchester, Mass.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

PANSY PLANTS.

Giant pansies, to please your trade, $2.00 per 1000. Cash. Safely packed for southern trade. Extras. Byer Floral Co., Shippensburg, Pa.

Giant pansies. Strong plants, early fall sown, in 6 distinct colors or mixed, 50c per 100; $3.00 per 1000. F. A. Baller, Bloomington, Ill.

Pansies. Roemer's Giants, transplanted, in bud and bloom, $1.25 per 100; $10.00 per 1000. S. T. Danley, Macomb, Ill.

25,000 extra fine pansy plants, $3.00 per 1000. Parkside Greenhouses, 746 E. 70th St., Chicago.

Pansies. Mme. Perrett and from our own famous strain, $2.50 per 1000, $10.00 per 5000.
J. C. Schmidt Co., Bristol, Pa.

Pansy plants, 60c 100, $2.50 1000. Cash.
Jos. H. Cunningham, Delaware, O.

100,000 pansy plants at $10.00 per 1000.
Loomis Carnation Co., L. B. 115, Loomis, Cal.

PELARGONIUMS.

Pelargoniums, 25 best named varieties, as Victor, Surprise, Vibert, Countess, Vivid, Linda, Dorothy, Violet, Rose Queen, etc., 2½-in., $3.50; 3½-in., $6.00 per 100. Extra fine stock.
J. Sylvester, Oconto, Wis.

Pelargonium rooted cuttings, 15 var., $2.25 100. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

PETUNIAS.

Dreer's superb double petunias. For nearly 50 years we have made a specialty of double petunias, and our strain is accepted as second to none either here or in Europe. We offer 15 distinct varieties in 2¼-in. pots at 60c doz., $4.00 100, the set of 15 for 75c; 3-in. pots, 75c doz., $6.00 100, the set of 15 for $1.00.
H. A. Dreer, Philadelphia, Pa.

Petunias, rooted cuttings; single, from California Giants, one of the finest collections in California, flowers from 4 to 6 inches across; double, from Dreer's and Henderson's sets, $1.25 100. Cash, please.
Fred Grohe, Santa Rosa, Cal.

Petunia rooted cuttings, 20 var., $1.25 100, $10.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Petunias, dbl. fringed, 6 distinct novelties, $1.25 100; $10.00 1000.
The W. T. Buckley Co., Springfield, Ill.

Double petunias, 2¼-in., $2.50 per 100.
Rhoten Bros. & Co., Bx. 5, Danville, Ill.

POINSETTIAS.

Poinsettias. We have 2000 strong, healthy, dormant stock plants, one year old, at $6.00 per 100; $50.00 per 1000.
Chas. Frueh & Sons, 1116 Hoyt Ave., Saginaw, Mich.

POT-GROWN SHRUBS.

Pot-grown shrubs for forcing. We have a full line of handsome, bushy, well-budded, and well-grown plants that will prove a profitable investment for anyone. See our display adv. in issue of Jan. 5 for list of plants and prices.
Bobbink & Atkins, Rutherford, N. J.

PRIMULAS.

New primrose BUTTERCUP, primula floribunda, fine plants out of 2½-in. pots, $10.00 per 100.
Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Primula chinensis fimbriata and Primula obconica grandiflora, in bud and bloom from 4-in. pots, $10.00 per 100; from 5-in. pots, $1.80 per doz.
Paul Mader, East Stroudsburg, Pa.

Chinese primroses, in bud and bloom, strong plants, fine strain, 5¼-in. pots, $2.00 doz. if left to our selection, or 20c each if customer's selection. Wm. A. Bock, No. Cambridge, Mass.

Primula obconica, fine, bushy 5-in., full of buds and in flower, $8.00 per 100. Cash.
Wm. S. Herzog, Morris Plains, N. J.

Primulas. Hardy English hybrids, 4 and 4½-in.; fine plants in bud, 12 for $1.00.
J. Sylvester, Oconto, Wis.

Primula Forbesii, 2¼ or 2½-in., $2.50 100, $20.00 1000; 250 at 1000 rate.
Storrs & Harrison Co., Painesville, O.

Primula obconica, 4-in., in full bloom, 10c. Cash, please. R. G. Hanford, Norwalk, Conn.

PRIVET.

California privet well-branched, 15 to 20-in., $1.00 100. John Monkhouse, Jewells, La.

California privet and other hedge plants our specialties. Wm. H. Moon Co., Morrisville, Pa.

RHODODENDRONS.

Hardy native Pennsylvania rhododendrons, large clumps 2 to 6 ft. high; finest stock in the U. S.
Riverside Nursery Co., Confluence, Pa.

ROOTED CUTTINGS.

Rooted cuttings, prepaid. Per 100: Ageratum Gurney, 60c; alternantheras, best red, and yellow, 45c; fall rooted, extra strong, 50c; $4.50 per 1000; fuchsias, 5 fine sorts, $1.25; giant Marguerite daisy, white, $1.00; coleus, best bedders, 60c. Cash.
Byer Floral Co., Shippensburg, Pa.

Geraniums, double petunias, fuchsias and carnations, best varieties, $1.00 per 100. Cigar plants, heliotropes, ageratums, salvias and alternantheras, 60c per 100, $5.00 per 1000.
J. C. Schmidt Co., Bristol, Pa.

Rooted cuttings, as follows: Salvias, vinca, sweet alyssum and heliotropes, $1.00 100. Fuchsias, double petunias and feverfew, $1.25 100. Coleus and ageratum, 60c 100. Cash.
Ernest Harris, Delanson, N. Y.

Coleus, 60c 100; heliotrope, all dark, $1.00 100; vincas, $1.25 100; English ivy, $1.25 100; fuchsias, $1.50 100. Cash.
J. E. Felthousen, Schenectady, N. Y.

ROSES.

Crimson Ramblers, our own growing and on their own roots, 2 years, $12.00 100. Other roses—field-grown dormant plants; own roots and budded.
JACKSON & PERKINS CO., Newark, New York.

Rooted rose cuttings.

	100	1000		100	1000
Chatenay	$2.50	$20.00	Bride	$1.50	$12.50
Uncle John	2.50	20.00	Ivory	1.50	12.50
Bridesmaid	1.50	12.50	Perle	1.50	12.50

Roses from 2½-inch pots.

	100	1000		100	1000
Richm'd	$30.00	$250.00	La Detroit	$6.00	$50.00
Chatenay	4.00	30.00	Sunrise	4.00	30.00
Godesberg	5.00	40.00	English	25.00	200.00
Liberty	5.00	45.00	Uncle John	4.00	35.00
Kaiserin	4.00	30.00	Bride	3.00	25.00
Bridesmaid	3.00	25.00	Ivory	3.00	25.00
Perle	3.00	25.00			

All plants sold under express condition that if not satisfactory they may be returned.
P. Reinberg, 51 Wabash Ave., Chicago.

The new rose WELLESLEY is a welcome addition to the list of forcing roses. Color is bright pink, with reverse of petals clear silvery pink, thus producing a combination that is exceedingly effective either in daylight or in artificial light. Growth is very free and exceptionally vigorous and will prove satisfactory every month in the year. Delivery strictly in rotation, beginning April 1. Prices:

Own root.	Grated.
$ 25 per 100	$ 30 per 100
55 per 250	70 per 250
100 per 500	130 per 500
200 per 1000	260 per 1000

WABAN ROSE CONSERVATORIES, Natick, Mass.

Grafted rose plants, 2½-in. pots. Grafted from all flowering wood; no blind wood used. These are all grafted on selected English Manetti stocks.

	100		100
Bride	$10.00	Liberty	$12.00
Bridesmaid	10.00	La Detroit	12.00
Chatenay	10.00	Gen. MacArthur	12.00

Rooted cuttings; all from flowering wood; no blind wood used.

	100	1000		100	1000
Bride	$1.50	$12.50	Chatenay	$1.50	$12.50
Bridesmaid	1.50	12.50	Perle	2.50	20.00

Bassett & Washburn, 76 Wabash Ave., Chicago.

Crimson Rambler roses, extra, $15.00 100. H. P. roses, etc., as long as stock lasts, $10.00 100. Ulrich Brunner, American Beauty, Anne des Alpes, Gen. Jacqueminot, Gen. Washington, La France, Mabel Morrison, Magna Charta, Mrs. J. Laing, Prince C. de Rohan, Paul Neyron, Paeonia, Reine, Marie Henrietta, etc.
F. W. C. Schmitz, Prince Bay, N. Y.

Dormant rose plants, 2½-in. pots. Clothilde Soupert, Maman Cochet, White Maman Cochet, La France, Etoile de Lyon, Marechal Niel, Meteor, Helen Gould, Souv. de Mme. Pierre Notting, Ivory, Papa Gontier, Bride, Maid, Ball of Snow, $2.50 per 100; $20.00 per 1000. Cash, please.
John A. Doyle, Rose Grower, Springfield, O.

Choice H. P. roses, strong 2 year plants, grown under glass to insure thoroughly ripe wood and buds (these bloom far better than out-door roses in pots). American Beauty, crimson; La France, light red; Margaret Dickson, white; Mme. C. Wood, scarlet crimson; Jacqueminot, crimson, $2.00 doz., $15.00 100.
F. A. Baller, Bloomington, Ill.

Roses for spring blooming. C. Soupert, Jacqueminot, U. Brunner, La France, Magna Charta, Crimson Rambler, etc., fine, field-grown plants, never forced, suitable for 5-in. pots, 7c; larger, for 6-in., 12c. Crimson Rambler, XXX, long tops, 20c. W. H. Salter, Rochester, N. Y.

Rooted rose cuttings.

	100	1000		100	1000
Am. B'uty	$3.00	$25.00	Bride	$1.50	$12.50
Liberty	3.00	25.00	Ivory	1.50	12.50
Bridesmaid	1.50	12.50	G. Gate	1.50	12.50

Geo. Reinberg, 51 Wabash Ave., Chicago.

ROSES, rooted cuttings, January delivery. Bride, Bridesmaid, Golden Gate, Ivory, $1.25 per 100, $10.00 per 1000. Wood selected from healthy, grafted stock. Satisfaction guaranteed. Cash or satisfactory reference.
Baur Floral Co., 20 W. 10th St., Erie, Pa.

Our assortment of hybrid perpetual, tea, and other roses is one of the best to be found in the country. For varieties and prices see large adv. in issue of Jan. 5, or write to us for catalogue.
Bobbink & Atkins, Rutherford, N. J.

Grafted roses on strong English Manetti stock. Bridesmaids, Brides, Golden Gates, Ivories, Chatenay, $12.00 100; $100.00 1000. Uncle John, La Detroit, Gen. MacArthur, $18.00 100. S. S. Pennock, Philadelphia, Pa.

Field-grown roses, own roots. Hybrid perpetual, hybrid teas, hardy climbers, everblooming teas, etc. Good assortment of varieties from $6.00 to $12.00 100.
Wood Bros., Fishkill, N. Y.

Hardy roses. We have the most complete collections in this country. Illustrated descriptive list free.
Ellwanger & Barry, Drawer 1044 W, Rochester, N. Y.

Roses. Rooted cuttings of Bride, Maid and Gates, $1.25 per 100; $10.00 per 1000.
Rhoten Bros. & Co., Bx. 5, Danville, Ill.

Roses. Marechal Niel, 3-in. pots, $5.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Grafted roses. We are booking advance orders for Bride and Bridesmaid stock from 2½ in. pots $100.00 1000.
Edw. J. Taylor, Southport, Conn.

Roses. Young rose stock in all the leading commercial varieties. Write me for list and prices. The stock is A1.
Geo. A. Kuhl, Pekin, Ill.

Hardy perpetual standard and dwarf roses, Crimson Ramblers, etc. First-class stock. Catalogue free.
Van der Weijden & Co., Boskoop, Holland.

Write for our list and prices on hybrid perpetuals, hybrid teas, teas, climbers, ramblers, etc. Leedle Floral Co., Springfield, Ohio.

Rose plants. Get our list before buying.
C. M. Niuffer, Springfield, Ohio.

Kaiserin roses. Write for prices.
Robt. C. Pye, Nyack, N. Y.

ROSE STOCKS.

Selected English Manetti stocks, 5 to 8 mm., $12.00 per 1000. S. J. Reuter, Westerly, R. I.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Ficus elastica, 6-in., 22, 25 to 50 inches high, all perfect leaves from top to bottom, $5.00 to $6.00 doz.; specimens, 7-in., extra good, 75c each.
Godfrey Aachmann, 1012 Ontario St., Phila.

Rubbers from 4-in. pots, 8 to 10 large leaves, $1.75 per doz. J. F. Allen, Orlando, Fla.

Rubber plants, from $6 dozen up.
Wm. A. Bock, No. Cambridge, Mass.

SALVIAS.

Salvias, in variety, 2¼-in., $2.00 100; $17.50 1000. Holt's mammoth sage, $2.00 100; $15.00 1000. R. Vincent, Jr. & Son, White Marsh, Md.

Salvias St. Louis and Bonfire, rooted cuttings, $1.00 100, $8.00 1000. Orders booked for future delivery. E. B. Randolph, Delavan, Ill.

Salvias, the two best. Drooping Beauty, dwarf; and Bonfire, tall; $1.00 100; $8.00 1000.
W. T. Buckley Co., Springfield, Ill.

Salvias Bonfire and St. Louis rooted cuttings, $1.00 100; $8.00 1000. Prepaid.
C. Humfeld, Clay Center, Kan.

Salvia rooted cuttings, 6 var., $1.00 100; $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

SEEDS.

BERGER'S SEEDS WILL GROW.

	Trade pkt.	Oz.
Antirrhinum grandiflora majus, white, scarlet, rose, yellow	10c	$0.25
Asters—Queen of Market, white, rose, scarlet, light blue, dark blue, crimson	10c	.60
All colors, mixed	10c	.50
Asters—Branching, rose, lavender, purple, white, red	15c	1.00
Asters—Branching, mixed	15c	.90
Asters—Victoria, white, blue, rose, purple, crimson	20c	2.00
Asters—Hohenzollern, extra early white or rose (far superior to Q. of Market), ¼ oz., 75c	25c	2.50
Candytuft—Giant hyacinth	10c	.30
Daisy—New giant hybrids, California, Westralia, Alaska	25c	....
Lobelia—Crystal Palace compacta	25c	2.00
Emperor William	25c	2.50
Pansy—Berger's Neverfail, 1000 seeds, 25c; 5000 seeds, $1.00		3.00
Petunias—Giants of California, fringed and ruffled	50c	....
Petunias—Double large fringed	60c	....
Petunias—Double dwarf, choicest	50c	....
Primula—Obconica, large flowering, white or rose separate	25c	....
Salvia—Splendens	15c	1.50
Salvia—Bonfire	25c	2.50
Salvia—Clara Bedman, very early dwarf	25c	2.50
Smilax—Fresh California crop, lb., $3.00	10c	.30
Stocks—Giant flowering, 10 weeks, white, rose, crimson, blue, blood red	25c	2.50
Snowflake—For forcing	50c	....
	100 seeds	1000 seeds
Asparagus—Robustus (King of Market)	$1.00	$9.00
Asparagus—Decumbens	50	4.50
Asparagus—Scandens deflexus (very fine)	1.25	10.00
Asparagus—Plumosus (true fresh crop, Feb.)	.60	5.00

For complete list send for our spring catalogue, ready Jan. 15.
H. H. Berger & Co., 47 Barclay St., New York.

Just secured another lot of this year's birch seed. Betula lenta and lutea, $1.00 per lb.; populifolia, 50c per lb. 10% discount for cash with order. L. E. Williams, Nottingham, N. H.

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.
Cineraria. Fineat large flowering dwarf, 1000 seeds, 50c.
Phlox pumila compacta. Very dwarf and compact; grand for pots; in finest colors, mixed. Trade pkt., 25c.
Alyssum compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots. Trade pkt., 25c.
Chinese primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.
Pansy. Fineat giants, the best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c.
Petunia. New star, from the finest marked flowers, extra choice. Trade pkt., 25c.
Cash. Liberal count of seeds in all packets.
John F. Rupp, Shiremanstown, Pa.

Asparagus plumosus nanus seed, greenhouse-grown, none of last year's seed mixed in., 75c 100 seeds, $6.50 1000. Aster Queen of the Market, colors dark and light blue, pink, scarlet, white, and mixed colors, 20c trade pkt., 60c oz. Petunias, single grandiflora, fringed, 50c trade pkt., 1/16 oz., $2.50; double fringed, mixed, 500 seeds, 75c; 1000 seeds, $1.50. Phlox Drummondi, dwarf in separate colors, 50c trade pkt., $2.25 oz.; mixed, 40c trade pkt., $1.75 oz. Salvia Bonfire, 40c trade pkt., $2.50 oz. Verbena, Michell's mammoth fancy strain, separate colors, 30c trade pkt., $1.50 oz.; mixed at same price. Send for our wholesale seed catalogue.
H. F. Michell, 1018 Market St., Phila.

	100	1000
New crop flower seeds.		
Asparagus plumosus nanus	$0.60	$5.00
Cyclamen giganteum	.60	5.00
	Oz.	Trade Pkt.
Salvia Bonfire	$2.25	$0.25
Salvia splendens	.90	.20
Stocks, dwarf 10 weeks	2.75	.25
Verbena, mammoth	1.00	.20
Begonia, Vulcan and Bonfire	....	.25
Petunia fim. grandiflora	....	.50
Petunia fim. grandiflora, double.	....	1.00

W. C. Beckert, Allegheny, Pa.

HOWARD'S VERBENA SEED. We desire to call the attention of florists who raise verbena plants from seed to our ROYAL SPLENDOR strain of verbenas. This strain is the result of many years' improvement in selecting only the largest flowers, brightest colors and most pleasing hues from vigorous, compact, free-blooming plants. We offer choice mixed colors at 35c per trade pkt.
A. B. Howard & Son, Belchertown, Mass.

Nicotiana Sanderae, carmine tuberose-flowered tobacco, is the most valuable novelty of the season. Started early indoors and planted out in May, it blooms all summer. Trade pkt., 25c.
Flower seeds for early sowing. Our preliminary price list is now ready. A copy will be sent you free, if you mention The Review.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

NEW CROP
CLEMATIS PANICULATA SEED.
Grown at our FLORACROFT TRIAL GROUNDS. trade packet, 10c; per ounce, 40c; per lb., $3.50. Write for special quotations on quantity.
JOHNSON & STOKES, 217-219 Market St., Philadelphia, Pa.

DREER'S NEW CROP RELIABLE FLOWER SEEDS. In our display adv. in this issue we give a short list of seeds which should be sown early in order to make nice plants for spring sales; for a complete list, send to us for our January wholesale catalogue.
H. A. DREER, Philadelphia, Pa.

Carlson improved aster seed, pure strain; recognized as the leading aster for cut stock; no disease; no yellows. Early White, Late White, Shell Pink, Lavender, trade pkt., 25c; ¼ oz., 50c; oz., $1.50. Order early to insure getting all colors.
E. H. Hunt, 76-78 Wabash Ave., Chicago.

Johnson & Stokes' NEW CROP FLOWER SEEDS for early sowing. They are tested seeds of the highest quality. See display adv. in this issue for varieties and prices. Send us your name and we will send you our wholesale list for florists.
Johnson & Stokes, 217-219 Market St., Phila.

Seed of BENTHEY'S two grand NEW ASTERS is now ready. Price: Trade pkt., $1.00; ¼ oz., $2.50; ½ oz., $4.50; 1 oz., $8.00. Write us for full information.
BENTHEY-COATSWORTH CO., 35 Randolph St., Chicago.

Seed of our superb strain of fringed petunias; double, 500 seeds for 75c, 1000 seeds for $1.50; single, 50c per trade pkt. We have been making a specialty of petunias for nearly 50 years and our seed is unsurpassed.
H. A. Dreer, Philadelphia, Pa.

Fresh seed of Asparagus plumosus nanus, 75c 100; $5.00 1000. Asparagus plumosus robustus (expected soon), $1.25 100; $9.00 1000.
J. M. Thorburn Co., 36 Cortlandt St., N. Y.

Aster seed, from the finest plants. Semple's Branching, Shell-Pink (Mary Semple), and white, 1 oz., $2.00; 2 ozs. or more, $1.50 per oz. A. W. Sampson, Penn Yan, N. Y.

Asparagus plumosus nanus seed, our own growing, just ripening on selected plants, 100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $4.00.
B. H. Haverland, Pleasant Run, Ohio.

We are the largest wholesale and retail seed corn growers in the world; also carry a full line of flower and garden seeds. Write for our catalogue.
Weatern Seed Co., Shenandoah, Iowa.

Ours are seeds of QUALITY and are ALWAYS reliable. Wholesale catalogue for the asking.
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Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-81 E. Kinzie St., Chicago.

Hollyhock seed, single, mixed, 65c per oz. 1904 Allegheny strain, mixed, 85c per oz.
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Asparagus plumosus nanus, fresh seed grown under glass, 100 seeds, 75c; 1000 seeds, $6.50.
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NICOTIANA SANDERAE seed, in original packets, $1.75 per doz., $11.00 per 100.
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75 lbs. Myatt's Linnaeus rhubarb seed, crop of 1904; fine condition at 40c per lb.
Maurice J. Brinton, Christiana, Pa.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Asparagus plumosus nanus seed, new crop, 50c 100. $4.00 1000. Edw. Teas, Joplin, Mo.

Stocks. Princess Alice, pure white, 25c per trade pkt. W. S. Nichol, Barrington, R. I.

Asparagus seeds, 60c 100, $5.00 1000; 5000 for $22.50. Wm. F. Kasting, Buffalo, N. Y.

SHAMROCKS.

Irish shamrocks, strong plants, $4.00 100; 60c doz., by mail. John F. Rupp, Shiremanstown, Pa.

Irish shamrocks, strong plants, $4.00 per 100; 60c doz. by mail. S. T. Danley, Macomb, Ill.

SMILAX.

Smilax, 10,000 strong, bushy stock, 2½-in., $1.00 per 100; $9.00 per 1000.
J. C. Schmidt Co., Bristol, Pa.

Smilax, good, heavy strings, 5 to 6 ft. long, $12.50 per 100.
Rode Bros., Florists, Bowling Green, O.

Smilax from 3 and 4-in. pots, strong, $2.00 per 100.
Alameda Greenhouse, Roswell, N. Mex.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

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Cut-leaf, stag-horn sumach, large stock, 10c to 15c. Edw. Teas, Joplin, Mo.

UMBRELLA PLANTS.

Umbrella plants, stocky, 4-in., ready for 5 or 6-in. pots, $5.00 per 100.
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CABBAGE—Early and Flat Dutch. Succession, L. I. Second Early, Jersey Wakefield, etc., 25c per 100, $1.00 per 1000, $8.50 per 10,000.
LETTUCE—Big Boston, Boston Market and Grand Rapids, 25c per 100, $1.00 per 1000.
PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.
TOMATOES—Lorillard, seed bed plants, 50c per 100, postpaid; 2¼-in. pots, 40c per doz., $2.00 per 100.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Lettuce plants—Big Boston and Boston Market, strong, transplanted, fine plants, well grown, $2.00 per 1000. Cash, please. Other vegetable plants ready in season.
C. Lawritzen, Box 262, Rhinebeck, N. Y.

We are headquarters for improved Lorillard forcing tomatoes; fine 2½-in. pot plants, $2.00 100. Cash. Roney Bros., West Grove, Pa.

NOROTON BEAUTY, the great new potato. Descriptive circular on application.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Lettuce plants, Grand Rapids and Boston Market, $1.00 per 1000; $4.00 per 5000.
J. C. Schmidt Co., Bristol, Pa.

VERBENAS.

Verbena rooted cuttings, 30 var., 60c 100, $5.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Vinca variegata, R. C., 90c 100, prepaid. Cash. Byer Bros., Chambersburg, Pa.

Verbena rooted cuttings, 60c 100; $5.00 1000. Prepaid. C. Humfeld, Clay Center, Kan.

VERBENAS—Continued.

Vinca var. maj., 3-in., $4.00 per 100; 2½-in., $2.00 per 100. Good stock. Cash.
C. F. Mahan, R. D. 8, Dayton, O.

10 varieties mammoth verbenas, named; rooted cuttings, 50c 100, prepaid.
Hopkins & Hopkins, Chepachet, R. I.

Best mammoth verbenas, rooted cuttings, $1.00 100, $8.00 1000.
Wood Bros., Fishkill, N. Y.

Lemon verbenas, 2¼-in., $2.50 100, $17.50 1000. R. Vincent, Jr. & Son, White Marsh, Md.

VINCAS.

Vinca variegata, 2½-in. pots, fine plants, $2.50 100. National Plant Co., Dayton, Ohio.

Vinca variegata, 3-inch, $4.00 100. Cash.
Ernest Harris, Delanson, N. Y.

Rooted vinca cuttings, $1.00 per 100.
Converse Greenhouses, Webster, Mass.

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Violets. Princess of Wales, unrooted cuttings, ready now, 50c 100, $4.00 1000. Rooted cuttings, ready for delivery in March, 1905, $1.50 100, $12.00 1000. Place orders now.
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Violets. Unrooted cuttings of Campbell, 40c 100. G. M. Conklin, Grandville, Mich.

We make a specialty of violets. Write
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Aquilegia (columbine), single mixed, 2¼-in.; Gaillardia grand., 2¼-in., plumbago, blue, white, 3-in. pots, $3.00 100. Maranta massangeana, 2¼-in., $4.00 100. Swainsona alba and rosea, 2¼-in., $2.00 100; $17.50 1000. Holt's Mammoth sage, $2.00 100; $15.00 1000. Sweet Williams, double mixed, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

TO EXCHANGE.

To Exchange—Good strong Wm. Duckham stock plants, $1.00 per doz., and rooted cuttings of Lawson carnations, healthy, clean, strong stock, $1.25 per 100, $10.00 per 1000, for S. A. Nutt geranium rooted cuttings, or 2-in. stock.
Highland Park Greenhouses, Highland Park, Ill.

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Wanted—2000 Kaiserin roses, bench or field-grown. Submit sample and price.
Heller Bros., New Castle, Ind.

Wanted—Rooted cuttings of Rex begonias and Princess of Wales violets.
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Folding boxes cheap. Write us for samples and prices. The Aull Bros. Paper and Box Co., Dayton, O.

Florists' boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

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Long gray moss for decorating. Beautiful with evergreens, always graceful and will last for months. Price: 10c per lb., F. O. B. Cash or C. O. D. Cook & Cook, Alvin, Tex.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
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Dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
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Leucothoe sprays, fancy ferns, green sheet moss, sphagnum moss, etc.
L. J. Kreshover, 110 W. 27th St., New York.

Fancy and dagger ferns, evergreens, etc. Good stock, low prices.
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C. E. Critchell, 36 E. 3d St., Cincinnati, O.

Fancy and dagger ferns, smilax, etc.
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For southern wild smilax write
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SHEEP MANURE. Pulverized and free from all adulteration. In bags, $18.00 per ton; special price on carload lots in bulk.
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Bone meal, sheep manure and wood ashes.
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Wax flowers and wax floral designs.
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Bronze and green galax leaves, postage prepaid, 75c per 1000. Small green leaves for violets. H. H. Hill, Victoria, Macon Co., North Carolina.

Bronze and green galax leaves; small, 45c; medium, 50c; large, 55c per 1000.
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Galax, bronze or green, and small green galax for violets.
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Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

The "Model" glazing point. Zinc. Practical. Durable.
Parker-Bruen Mfg. Co., Harrison, N. J.

Peerless glazing points are the best.
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GLEN MARY FISH FARM.
CHAS. POMMERT, PROP.
AMELIA, O.
Devoted exclusively to the growing of GOLD FISH. 100,000 now ready. Send for price list.

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HUNT'S TYPHOON. This hose is the product of careful study which greenhouse usage has demonstrated on various kinds of materials. It is durable, heavy and yet pliable and will stand hard usage.

100 feet, 7 ply	$14.00
200 feet, 7 ply	26.50
300 feet, 7 ply	39.00

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Bulldog 7-ply hose, fully guaranteed, 16c ft.
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ANCHOR BRAND of greenhouse hose is THE hose for florists.
Mineralized Rubber Co., 18 Cliff St., New York.

Good hose. J. G. & A. Esler, Saddle River, N. J.

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To-bak-ine is the most effective insecticide on the market. Write for our "Words of Wisdom." It is free.
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Rose Leaf Extract of Tobacco. For pamphlet write to Kentucky Tobacco Product Co., Louisville, Ky.

NICOTICIDE kills all greenhouse pests.
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Orchid peat and leaf mold always on hand.
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Cypress and oak tubs. We manufacture all sizes. Write for prices.
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Kramer's pot hangers. Neat, simple, practical. Write.
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Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts. N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

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Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

RED POTS. Standard pots at bottom figures.
Harrison Pottery, Harrison, Ohio.

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Just received. A consignment of extra selected raffia fibre. Write me for special prices.
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Raffia. Samples free if you mention The Review. Large assortment of colors.
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Crane Bros., Westfield, Mass. Manufacturers Linenoid Seamless Trunks and Boxes for shipping Cut flowers. Send for price list.

SPHAGNUM MOSS.

Fresh, clean, shipped direct from swamp; 5 bbl. bale, $1.25; 3 bales, $3.25; 5 bales, $5.00.
H. H. Akers, Chatsworth, N. J.

Live sphagnum moss and orchid peat always on hand. Lager & Hurrell, Summit, N. J.

Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. Write for prices.
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Sphagnum and green sheet moss.
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Tin Foil—Plain, fancy, printed and mounted.
Conley Foil Co., 521 West 25th St., N. Y.

Tin Foil—Plain, violet and rose.
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Tobacco stems, 60c per 100 lbs. in bales of 200 to 250 lbs. Special price on car lots.
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Fresh tobacco stems, bale of 300 lbs., $1.50.
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Tobacco stems.
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Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
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Thaden's wire tendrils and twin stakes for carnations, roses, etc.
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Model Extension carnation supports; also galvanized rose stakes and tying tires.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Model Extension carnation supports.
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We are the largest manufacturers of wire work in the west. E. F. Winterson Co., 45, 47, 49 Wabash Ave., Chicago.

Emil Steffens, Manufacturer of Florists' Wire Designs, 335 East 21st St., New York.

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Wire work of all kinds. Write me.
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AMERICAN CARNATION SOCIETY.

W. L. Lewis, Marlboro, Mass., registers Carnation Mrs. W. L. Lewis, color pure snow white; flower well built, on a long stiff stem, and will produce more flowers per square foot than any other white in existence today; the flowers measure three inches, are good keepers and shippers, and a burst calyx is something that has never been seen to exist since its origin.

Baur & Smith, Indianapolis, Ind., register Carnation Beatrice. In registering this variety last week the color was described as "lighter" than Daybreak, it should have read brighter than Daybreak.

The premium lists for the Chicago meeting January 25 and 26 have been sent to every member of the society. If yours has not reached you, you should notify the secretary at once. If you are not a member and want one, they can be had on application.

H. Weber & Sons, of Oakland, Md., desire to have it announced that the premiums they offer for the vase each of Norway, Gov. Lowndes and G. Lord scoring the highest number of points will be awarded to a vase in any of the classes calling for fifty or more blooms, and need not be made a separate entry.

ALBERT M. HERR, Sec'y.

GERANIUMS

Good strong stocky plants from 2¼-in. pots.

DOUBLES—Bruanti, Comtesse de Harcourt, La Favorite, Miss F. Perkins, Miss Kendell, Mme. Charrott, Mme. Barney, Mme. Buchner, Mme. Canovas, S. A. Nutt, 40c per doz., $2.00 per 100, $20.00 per 1000. Centaure, Double Genl. Grant, Gloire de France, Jean Viaud, Le Cid, Mme. Landry, 40c per doz., $2.00 per 100, $17.50 per 1000.

SINGLES—Granville, L'Auba, Queen of the West, Single General Grant, 40c per doz., $2.00 per 100, $17.50 per 1000.

Special price for this week. Not less than 250 of any one variety of the following; $15.00 per 1000; 6000 for $100.00: Double General Grant, Gloire de France, Jean Viaud, Mme. Landry, Granville, and Queen of the West.

We have 150,000 in fine shape, ready to send out. Send for our descriptive Geranium Catalogue.

Greenhouse Plants

2¼ in stock; not less than 5 of any one variety sold.

	Per 100	1000
Ageratums, dwarf white and Stella Gurney, 40c per doz	$2.00	
Alternanthera, red and yellow, in variety	2.00	$15.00
Alternanthera, rooted cutting	.60	5.00
Alyssum, dwarf and giant double, 40c per doz	2.00	
Aquilegia (Columbine), single mix'd.	3.00	
Coleus, good varieties	2.00	15 00
Gaillardia Grandiflora	3.00	
Hardy English Ivy	2.00	15.00
Heliotrope, good varieties	2.00	
Hibiscus, 3 varieties	3.00	
Hollyhock, double white and mixed, 3 in. pots	3.00	
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Good selection of standard varieties, $5.00 per 100; $40.00 per 1000. Mixed $4.00 per 100: $35.00 per 1000. Send for list.

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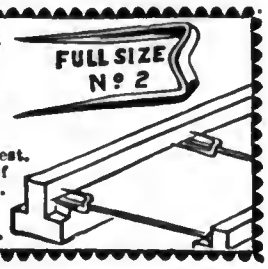
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Field-grown **CARNATION** Plants, Joost, Freedom and Goodenough, $4.00 per 100.
VINCA, rooted cuttings $1.00 per 100.
Converse Greenhouses, Webster, Mass.

50,000

ROOTED CUTTINGS

Geraniums—The "Six Kings" for bedding. S. A. Nutt, (D. crimson), Paul Bruant, (D. scarlet), J. Viaud, (D. pink), Beaute Poitevine, (Dbl. salmon), Mrs. E. G. Hill, (Single salmon), Mme. Buchner, (D. white). Large top cuttings, well rooted, $1.50 per 100; $14.00 per 1000.

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Asparagus Plumosus Nanus—Plants from 3-inch pots, $3.00 per 100.

Carnations—Don't buy until you see our list.

Boston Ferns—Strong plants from 4-inch pots, $10.00 per 100.

The W. T. Buckley Co.

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Florists' Review

When Writing Advertisers.

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The Fumigating Kind Tobacco Powder

What a Few Say, All That Use It Say.

Mt. Sterling, Ky.—I received the sample of your **Fumigating Kind Tobacco Powder** but as I did not use but one-half the amount as directed I did not obtain the best results but am satisfied that if used according to direction it will kill everything it is intended for, as at least 90 per cent of Thrips and Aphis were destroyed this morning. Send 200 lbs. Emil Fredrich.

Waynesboro, Pa.—We have not only found **The Fumigating Kind Tobacco Powder** the most valuable greenfly destroyer but we also use it to kill snails by sprinkling it on the ground. Sure death; they look in the morning like small oysters rolled in cracker dust. H. EICHHOLZ.

West Whiteland, Pa.—We have tried many fumigants but have found nothing in the market so effectual and easily used as **The Fumigating Kind Tobacco Powder.** Your prices are reasonable for so good an article. J. LEHMAN MAULL, Pres.

Purcellville, Va.—We have given **The Fumigating Kind Tobacco Powder** a thorough trial on Carnations, and we are well pleased with the result. We are able to keep the plants entirely clean. A. B DAVIS & SON.

A FREE trial five-pound bag will cost you nothing more than the express charges on it. The trial bag will prove our assertion that it is the most effective, cleanest and quickest as well as the cheapest (10 cents per 100-foot house) article to fumigate with. All aphis killed in one night—our booklet tells of it; we mail one on request.

THE H. A. STOOTHOFF COMPANY, Tobacco Powder Hobbyists, 116, 117, 118 West St., New York.

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PROVIDENCE, R. I.

A plan that is on foot to extend the field of instruction at the Rhode Island College of Agriculture and Mechanic Arts to embrace practical work in the establishment, maintenance and management of greenhouses, has met the unqualified support of florists in the state, and in all probability some action will be taken at this session of the General Assembly with the view of securing an appropriation of $15,000 for a greenhouse at the college in the near future.

At a conference between representatives of the board of managers and the faculty of the State Agricultural College and representative greenhouse men of Providence and vicinity, the plan was thoroughly considered, and all present expressed themselves as heartily in favor of the step.

Those present at the conference were: William Appleton, William E. Chappell, Matthew Macnair, Farquhar Macrae, John Macrae, Michael Sweeney, John T. Brown, all of Providence; Benjamin Martin, East Providence; Cody N. Potter, Auburn, and Mr. Paine.

PARKERSBURG, W. VA.

A strange and sad fatality has followed the family of Gustav Obermeyer. It was only a short time ago that the eldest son died of diphtheria and on January 5, Fritz, aged 6 years, succumbed to the same disease. On the following day an employe named Paul Hannamann died of typhoid in the Obermeyer home, where two other children are very ill with diphtheria. Hannamann came to Mr. Obermeyer only a short time ago, a penniless stranger. He was evidently well educated but in need and Mr. Obermeyer took him in and gave him work. Nothing is known of him save that his parents reside in Mecklenburg, Germany.

Cedar Rapids, Iowa.—There was a small fire in the J. G. Crozier flower store January 1.

Cedar Rapids, Ia.—H. R. Morgan has sold his store at 411 Second avenue to the Cedar Rapids Floral Co., Wilfred T. Emmons, manager.



Style No. 610.
Also other Sizes and Styles carried in stock.

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REFRIGERATORS

Superior in construction, insulation and service rendered. Economical in the use of ice, scientifically built.

86 INCHES WIDE; 30 INCHES DEEP; 74 INCHES HIGH

IN STOCK READY FOR IMMEDIATE SHIPMENT

SPECIAL DESIGNS BUILT TO ORDER
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Mention this journal and we will send you the following catalogues: No. 39 for Residence, No. 45 for Hotels, Public Institutions and Cold Storage Houses, No. 63 for Groceries, No. 56 for Meat Markets, No. 70 for Florists.

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2 Ring Model.

[Be sure you buy

"The Model"

Used by successful growers everywhere.

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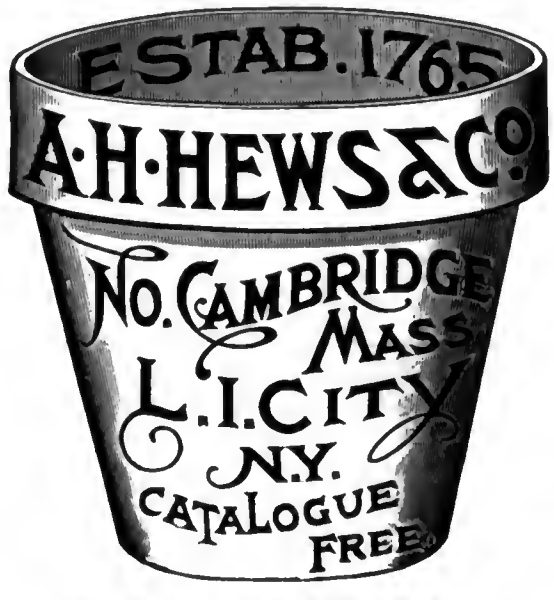
Especially adapted for greenhouses.

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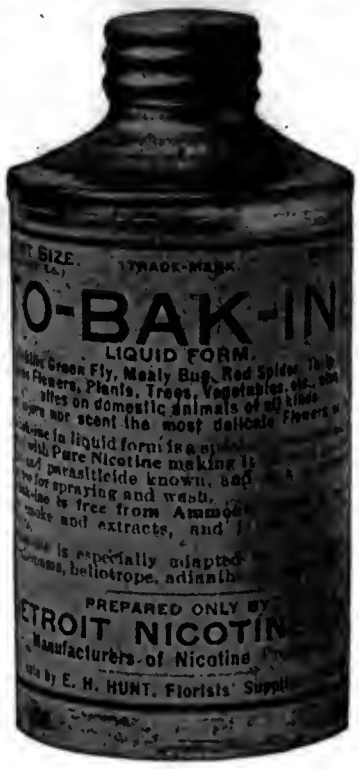
Write for booklet "F."

The Parker-Bruen Mfg. Co. Inc.
206-8 Jersey St, Harrison, N. J.

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The most powerful insecticide known, for vaporizing or spraying.

TO-BAK-INE LIQUID is the article for us; it does the work effectively without injuring the most sensitive blooms and is easily applied.—John Breitmeyer's Sons, Mt. Clemens, Mich.

TO-BAK-INE LIQUID is the stuff for Thrips, Spider, or any such stubborn pests.—A. F. J. Baur, Indianapolis.

Quarter Pint Can	$0.60	Pint Can	$ 2.00
Half Pint Can	1.10	Gallon Can	15.00

(The cost is nominal considering the results obtained.)

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Write for special prices on carload lots.

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Quite Dead?

Sure. I used Nicoticide. Best cure for "overliveliness" in insect pests.

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Evans' Improved Challenge Ventilating Apparatus. Write for Illustrated Catalogue.

Quaker City Machine Works,
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The Wilks Greenhouse Heaters are all Steel Self-Feeders. Will run 15 hours at a time without attention.

NO Night Fireman Required.

Can be used with either Hard or Soft Coal.

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High-Grade BOILERS

Get our Catalogue **For GREENHOUSES**
STEAM AND HOT WATER.

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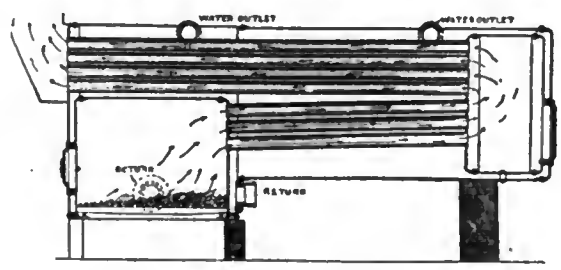
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Read what our customers say about them:



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Send for Catalogue and Price List.
Made only by the
SUPERIOR MACHINE & BOILER WORKS
129 to 133 W. Superior Street, - CHICAGO
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OCEANIC, N. J.

The Monmouth County Horticultural Society installed officers at its regular meeting, January 6. Charles Wengerter and James Barron were elected to membership. H. A. Kettel exhibited three vases of tulips, which received ninety points; one vase of freesias, scoring ninety; one vase of lily of the valley, ninety. George Kuhn exhibited some violets which received eighty points. Geo. H. Hale exhibited a vase of Euphorbia Jacquinæflora, which scored ninety-five points. Mr. Hale grows it at the end of a house in a bench, treating it the same as the roses. Its beautiful sprays, with the stems, can be cut six feet long, which makes it useful to the florists for decorative purposes. It is seldom seen in this country, but it is grown on the other side. Mr. Wm. Turner showed some cauliflower which scored ninety-five points.

Speakers were the retiring president, Wm. Turner, President Hale, Vice-president Williams, Financial Secretary Kuhn, N. Butterbach, and W. N. Campbell. The judges of the evening were A. J. Williams, John A. Kennedy and John Yeomans.

WHO HAS IT?

C. E. Hubbard, seedsman and hardware dealer, Topeka, Kan., wants to buy 700 of the "metal strips that lie between the glass when the panes are lapped and make the joints air tight as well as making the roof much stronger." He wants them for 16-inch glass and, while we should not wish to recommend the device, should be glad to have some one tell Mr. Hubbard where he can be supplied.

KANSAS CITY, MO.—C. & J. Kreitz have gone out of the florists' business.

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Pat. Sept. 18, 1900.



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....USE OUR....

Patent Iron Bench Fittings and Roof Supports.

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GREENHOUSE MATERIAL. COMPOSITION POSTS.

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WATERPROOF. Corner Lock Style.

The best, strongest and neatest folding Cut Flower Box ever made. Cheap. Durable.
To try them once is to use them always.

Size No. 0	3x4 x20	$2 00	per 100;	$19.00	per 1000
" No. 1	3x4½x16	1 90	"	17.50	"
" No. 2	3x6x18	2 00	"	19 00	"
" No. 3	4x8x18	2.50	"	23.00	"
" No. 4	3x5x24	2.75	"	6.00	"
" No. 5	4x8x22	3.00	"	.50	"
" No. 6	4x8x28	3.75	"	.00	"
" No. 7	6x16x20	5 50	"	.00	"
" No. 8	3x7x21	3 00	"	50	"
" No. 9	5x10x35	6.50	"	62 00	"
" No. 10	7x20x20	7 50	"	67.00	"
" No. 11	3½x5x30	3 00	"	28 50	"

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

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Ventilating Apparatus

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The Standard Ventilating Machinery

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Castings Japanned.

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C. C. B. POCAHONTAS SMOKELESS COAL
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RECORDING THERMOMETER!
JUST THE THING FOR YOUR
...GREENHOUSE...



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Machines for Misting, Spraying, White Washing, from $3.50 to $20. Send for catalogue.
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"A great improvement over the bellows."
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McMORRAN & CO., 15-21 N. Clinton St., CHICAGO, ILL.

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JOBBERS AND MANUFACTURERS OF **WINDOW GLASS.**

GREENHOUSE GLASS a Specialty.

205 RANDOLPH STREET, CHICAGO, ILL.

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Garland's Gutters

Will keep SNOW and ICE OFF YOUR GLASS and PREVENT BREAKAGE.

GEO. M. GARLAND, DES PLAINES, ILL.

KRAMER'S POT HANGERS.

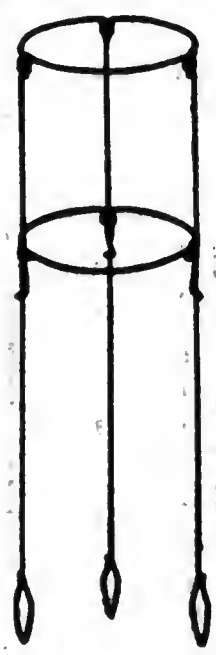


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Model
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Endorsed by all the leading carnation growers as the best support on the market.

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THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

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NEW YORK OFFICE:
Borough Park.....Brooklyn, N. Y.
J. AUSTIN SHAW, Manager.
Tel. 861 W. Bay Ridge.

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Entered at the Chicago post-office as mail matter of the second class.

This paper is a member of the Chicago Trade Press Association.

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A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

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The Re-awakening.

I am still a week or two behind the date with my reminders, but I shall, I trust, soon catch up. The passing of Christmas and New Year's is a transformation scene, or it should be. New crops are started up, yet some thought must be given to those things that you want for propagating or those worth carrying over for another year.

The Poinsettia's Popularity.

It is remarkable to read from almost every city that the poinsettia was a leading or, in a few cities, the leading plant. Of course, it is the color that has brought it to the front. I consider it one of the most profitable plants we grow, one of the few that there is really a good margin of profit in. For future stock, strong canes in 6-inch pots that you have not cut too low are the best material. Just lay them down beneath a bench where the ground is dry; let them get perfectly dry and that will ripen the wood. Let them rest there until the first of May. If you have only plants that you grew planted out on a bench, then lift them with all the roots, pack them in shallow boxes in moist soil and treat the same way. To pull these up ruthlessly and cover their roots with dry soil would be too radical a change for them.

The Useful Old Stevia.

The useful old Stevia serrata was just as indispensable this Christmas as ever. One winter we had none, simply because no thought was given to cutting down half a dozen plants to within six inches of the pot and standing them in some light, cool corner. That is all there is to do now. In March they will give you all the cuttings you want.

Left-over Azaleas.

You are sure to have some azaleas left over. They did not all flower freely enough. Simon Mardner and Deutsche Perle force so finely that they all went freely. We tried a few Van der Cruyssen but got them in hardly in time, yet they flower so freely that they sell at any time. Any plants of any variety that are unsalable, if they have made lots of young growth, need only the strongest growth pinched back, which will break later and make more growths. Put them in a night temperature of 45 degrees. You don't want active growth yet a while. Be sure to pick all old flowers off, seed pod and all.

We find there is a constant complaint from good customers that their "azalea, so lovely when received, is all wilted." It is nothing but want of sufficient water. So this year we had a small cloth label printed and fastened to every azalea we sent out. It read something like this: "Azalea. This plant needs a daily and thorough watering." Ten years ago I intended to get up a little label with instructions for the care of all the leading plants that we sell for the dwelling house. It was a real good intention, but, like millions of others, was never fulfilled. They say a certain unspeakable place is paved with them.

Holding Azaleas for Easter.

Look out for your Easter azaleas, particularly the newly imported stock. April 23 is a long way off and now is a better time to do the retarding than in April. Some years ago Easter came on April 25 and most of our azaleas were too early by three weeks. When about in full bloom we put a lot of them in the basement of our house. It was not a success. The colored varieties lost their bright color and they all lacked freshness of flower and foliage. So keep them cool now. If you can do it, a few degrees above the freezing point is all they want. If a few plants show by the size of the bud that they cannot be held back, why, let them flower in a moderate temperature.

The Lorraine Begonia.

There were a great number of Begonia Gloire de Lorraine sold in our city, and in nearly every other city. I cannot believe that any florist can say it is a good house plant, but no matter; it is so beautiful and its attractiveness will last at least three times as long as a bunch of roses or carnations, so there is little danger of the demand decreasing unless some clever hybridizer gives us something better.

There is a very successful grower of this beautiful plant in our town and I am not above looking at his operations and asking questions. Plants that are left over, or will be past their beauty in a few weeks, can be put on a bench where conditions are on the dry side. They will need little water; just enough to keep them from shriveling. In May these plants can be cut down and will shortly send up a number of young shoots that have no inclination to flower. These vigorous young shoots will root readily and, if kept growing and given careful watering (a great point in their culture), will make nice plants in 5-inch or even 6-inch pots the following winter.

The largest number of these begonias are, however, grown from leaf cuttings, which are put into the sand in September and October and are now in 2-inch pots. If they are showing three or four little growths above the soil you are all solid for fine plants next Christmas. These little plants can be kept decidedly on the dry side until May or June, when, with increased heat and a little more moisture, they begin to start into growth and from then on it is a matter of shifting and careful watering. They do not want wet foliage at any time. When growing fast, say in September and October, you might manage to water them with the hose, but no plants pay better for careful watering with the can, for one may need it and the next plant may not, and it takes an artist to do that with a hose. If you have none of these little 2-inch plants now is the time to buy.

Crimson Ramblers.

It may be a little late for starting the Crimson Ramblers that were lifted from the ground last November, but it is a good time now to start those grown in pots last summer. Just a word about those lifted plants. The forcing must be very slow for the first three or four weeks and the heat given them slowly and carefully increased. They will not have any working roots and to put them into a strong heat would ruin them. Root growth and leaf growth, or rather the swelling of the eyes, would go on together. Spraying at least two or three times a day is most essential.

The plants grown in pots all summer, the care of which was attended to last summer, need no such skillful management. These might be forced into flower easily in less than eleven or twelve weeks, but a Rambler that has never been subjected to a night temperature of over 55 degrees is much superior to one that you had to hurry in 65 degrees. If you have three good canes six or seven feet long you have the material for making a most attractive plant, and even two such canes will do. If started in 45 degrees that will do until they are in leaf, and then raise them to 55 degrees.

They should at once, when brought into the houses, be tied down. Put three or four neat bamboo canes firmly into the soil around the edge of the pot and of a length of thirty inches or three feet above the pot. Tie the growths spirally around the stakes. You will have an even break of all the eyes and flowers and foliage from bottom to top of plant.

A week or two after starting, scrape off an inch of the surface of the soil and mulch heavily with rather fresh cow manure. We never found anything more necessary, yet liquid manure, after the clusters of buds were showing, would doubtless be of benefit, as the pots are crowded with roots.

We have never grown these roses in larger than 7-inch pots and that will grow a plant as large as our trade demands.

Hybrid Perpetual Roses.

The hybrid perpetual roses are seldom forced except from plants that are lifted from the ground in November. Some growers lift them and heel them in without potting, deferring that until they start them. Others pot at once when lifting. I think the latter much the better plan, although it may not be the cheapest. Either way they will have made no roots and root and top growth will go on together. Start cool and gradually increase the heat. If they can be flowered in 55 degrees the flowers will be perfect. It should be needless to say that spraying should be frequent from the day they are brought in until the blossoms are expanded. All deciduous shrubs enjoy a spraying when their buds are feeling the influence of heat and the rising sap. Look at our deciduous trees and shrubs. If spring starts in dry, if even warm, the foliage is slow to appear; then notice the transformation scene after a heavy shower.

Forcing Dahlias.

Last year was our first trial at forcing dahlias. We obtained the dormant roots from a well known eastern specialist, asking for only five or six best forcing varieties. The writer has never had the opportunity to see how other people forced them and there may be better methods. We planted them two feet apart, about the middle of January, in six inches of well manured, rather light loam. The bed was right on the ground, without any drainage, but dry. The temperature was about 55 degrees. The first flowers were cut about April 10 and from then on in increased quantity until July. They sold well and it is a cut and come again crop. We proved they were an excellent paying crop, simple to manage and yielding a great lot of bloom. I am not posted as to varieties. Let them be singles and pompons and limited to few sorts. The beautiful single Twentieth Century should certainly be one of them.

Verbenas.

If you grow that sweet, old-fashioned flower, the verbena, sow the seed at once and you can get a cutting off the young plants in April. Seedlings are much more vigorous and free of disease than those propagated from old plants in the fall.

WILLIAM SCOTT.

THE HISTORY AND CULTURE OF

GRAFTED ROSES FOR FORCING

BY ALEXANDER MONTGOMERY, JR.,
WABAN ROSE CONSERVATORIES, NATICK, MASS.

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Appliances for Grafting.

The appliances necessary for this are few and very simple. In the first place there should be seats for the operators to sit on, low enough so that the feet may be placed firmly on the ground and the knees brought up to within a comfortable working distance from the body. In front of the sitters ought to be a bench a foot or so higher than the seats, on which may be placed the scions and stocks. Flats to carry the stocks are very convenient if made to hold just an even thirty-two 2½-inch pots. Raffia, which is the best material for tying, should be slightly damp and cut in bunches to the proper length. A good sharp knife—shoe knives which can be bought for 15 cents are first-class for this work—and a layer of wet sphagnum moss on the bench, to lay the cut scions on, complete the equipment.

Size and Stage.

The stocks should be chosen as near the size of the scions as possible and, although a stock larger than the scion is not objectionable, the reverse would be very much so.

The proper stage to use a stock is when it has started to root in the pots and positively never before. It is generally safe to graft when the buds just begin to start, as this is usually a sign, if the plants have not been kept too warm, that root action has started. Speaking broadly, then, the time limit should be not before the buds start and not after the shoots have grown to half an inch. I do not by any means want to insinuate that the operation cannot be performed at other stages, but it can be done best within the limits laid down.

The scion ought to be good firm wood with a plump bud, but at any rate not started over a quarter of an inch. Where the shoot is over this length it will generally rot off in the case and so make it necessary for the scion to form new eyes, which it will sometimes do, but more often it causes the scion to rot also. The leaves should be trimmed somewhat closer than for cuttings, as this lessens the opportunity for damping off. As for the number of eyes to leave, one is all that is necessary, but if the wood is close-jointed two are not objectionable and, indeed, some prefer this latter as it gives a chance to get one eye under ground when planting.

The Kind of Union.

Now in regard to the kind of union to make, there are only two that are worthy of much consideration. One is generally known as the whip, and the other I shall designate for the purpose of description as a modified form



A House of Manetti Stocks Potted and Awaiting the Right Stage of Growth for Grafting.



Grafting Roses at the Waban Rose Conservatories, Natick, Mass.

of whip grafting. The first is formed by making an oblique cut from one-half to three-quarters of an inch in length, according to the size of the stock, and cutting the scion to match the same, placing the cut surfaces together and securing firmly with raffia. The points to make sure of are that at least one side and the bottom cut of the scion are so placed that the cambium cells, the layer of cells between the bark and the wood, are in perfect contact with the corresponding cells in the stock; that in no case must the pith either in the stock or in the scion be left exposed, because while exposed wood cells will callus over, the pith will not.

Making the Graft.

It is a good plan to have two knives, one for stocks and one for scions, and to cut a batch of scions before starting to graft; they will keep for some time if kept sprinkled on sphagnum. If the benches have been built as described, a person sitting on the lower one and facing the table will be in the proper position for quick work.

Place the pot containing the stock between the knees, steady with the left hand, make a clean, oblique upward cut and hold facing up; without laying down the knife pick out a suitable size scion and hold it on the stock with the forefinger and thumb of the left hand, always matching at least the bottom and side toward the operator. Grasp a piece of raffia which has been cut previously to the proper length; insert one end between the forefinger and second finger. Wind carefully and firmly, beginning always at the top and not winding too closely together, as close winding gives a chance for moisture to collect beneath the raffia and causes rotting of the scion.

The neatest way to make the tie is to pass the free end through beneath the last twist of the raffia and draw tight. The plants should not be allowed to stand around too long, as the green scion will shrivel up.

There are, of course, many ways that grafting can be done, but if the beginner will carry out carefully the details mentioned, with the assurance that he is on the right track, he will rapidly become expert and conclude that, after all, there was considerably more talk about it than there was work.

The Test of Watchfulness.

Now if anyone thinks that after he has performed all of the foregoing instructions his labors are over he surely is making a great mistake, for although everything up to this stage must be done with care, the real test of his watchfulness comes after the grafts are placed in the case.

For the first four or five days after the plants are put in the case, if the bottom, whether it be ashes or sand, has been properly moistened it will not be necessary to open the case. But this rule will not always hold good, because the novice will be perhaps very likely to have either too much or too little moisture. If too wet the leaves will become saturated with moisture and both leaves and stems will begin to blacken and rot. This latter condition is generally a sure sign that the temperature is too high or else the case is too wet; this, however, would not hold good for weak or soft scions, because they would be likely to rot with even the best treatment.

The only thing to do, then, if the case is too wet is to raise the sash very slightly; the thickness of a lath is plenty, even if the plants have been in only two days. This will give a chance for the air to circulate and will likely carry out the surplus moisture. Watch results carefully and if any leaves show the least sign of drooping, close the case at once. At any rate five to ten minutes twice a day ought to be sufficient to accomplish the purpose.

On the other hand, if the case is too dry the remedy is obvious; damp very slightly with a fine mist. Mist is what is meant as it describes exactly what is wanted; and keep the case tight.

Airing the Plants.

After five or six days, then, provided everything has gone right, the callus should be far enough advanced to allow of admitting air. This should be done, to start with, not over fifteen to twenty minutes morning and afternoon, and gradually increased each succeeding day until the sash can be kept up all day. It is advisable to close the case for the first night or so after a full day of airing; then for three or four nights following leave on some air, about half that of the daytime, until finally, in from fifteen to twenty days, the plants will be able to stand full air day and night; and in from twenty to thirty days they should be hard enough to take out, but even then they will require shading from the strong sun for a few days.

It is taken for granted that even the novice will know that he must keep the pots properly watered, neither too wet nor too dry, rather dry than wet, for obvious reasons; but it will be well perhaps to tell him that, from the time the plants begin to take air for the full day, they ought to be damped overhead twice a day with a very fine spray, until they are removed from the case and have become thoroughly hardened. Of course, neither minutes nor days can be an exact guide, but are mentioned only in order to give an approximate idea of the time usually required. The best guides, and in fact the only ones

a person will probably depend on after he has had some practice, are his eyes.

To sum up in a nutshell, the most common causes of failure in the grafting case are: First, shriveling, due to too dry an atmosphere, either through improper airing or a poorly built structure, allowing air to get in through the cracks; and, second, damping or rotting off, due to not enough ventilation, or else too moist an atmosphere.

(To be continued.)

THRIPS ON ROSES.

These pests, when once they effect an entrance into a rose house, particularly where Beauties are the crop, can if neglected cause considerable trouble, chagrin and loss. For the past few years it has seemed next to impossible to keep such crops free from their ravages and it looks as if they were ever on the increase in spite of all the efforts made to subdue them. Along with our native species we have to contend with a few imported varieties which are equally destructive and quite as hard to get rid of as their native congeners.

As a means of preventing their entrance into the greenhouse great care should be exercised in keeping sod and manure piles from being overrun with weeds during the summer months, as these are their favorite breeding places. They are especially to be found among tall-growing weeds and these should be kept in check in the vicinity of the houses, either by being cut down or by being burned during a dry spell.

To prevent their increase in the house frequent and light fumigation is necessary rather than heavy doses, which would be certain to destroy the color of the blooms. If the fumes can be made to reach these insects they are certain to be destroyed, but this is where the trouble commences, for, being very active and quick in their movement, they seek cover when the nrst scent of the fumes reaches them. They succumb quickly to the ordinary tobacco fumes and as they prefer to fed mostly after dark, when they leave their seclusion among the mulch or rough surface soil and ascend to the blooms to feed, they are much easier destroyed if this operation is performed after darkness has set in.

If they become too plentiful and a too frequent fumigation is bleaching the blooms, cayenne pepper can be used and if this is employed in the following manner they are certain to disappear, not all in one night, as the broods are being hatched continually, but by persisting in its use twice a week there will be few visible in two or three weeks.

Heat some iron plates or ordinary bricks till they are nearly red and place them in the paths at distances of twenty or thirty feet apart. Then start at the farthest end of the house and put a tablespoonful of the pepper on each plate or brick. Do this quickly and keep moving toward the door, as these fumes are disagreeable or even dangerous. Close the house tightly and let it remain so till morning. These fumes are harmless to vegetable life but are death to most insects. Ribes.

ROSE RICHMOND.

I had an opportunity lately of critically examining the new rose, Richmond, and am more pleased with it than ever and I venture to predict that the days of our erratic friend, Liberty, are numbered. While not possessing such a vivid and intense color as Liberty, the color is very pleasing, the buds long, pointed and of good shape, opens to a nice form and possesses first-class keeping qualities. A free grower, good producer and carries the bud on a fine stem, well supplied with leaves of a good texture and rich color. I congratulate Mr. Hill on being the possessor of such a gem. Ribes.

TROUBLE WITH TEAS.

I send a sample of a diseased Bride plant. Something has started in my roses and one after another is being affected. They were planted the last of June out of 3-inch pots into a clay sod with about one-fifth cow manure. We did not allow them to bloom until the latter part of September. They have been mulched twice with cow manure, but about December 15 we removed the last mulch. Since then we have done nothing to them. One or two bushes



A Whip Graft.
(Stock and Scion About Equal Size.)

have died out completely. They have had no mildew and have had air night and day until cold weather set in; since then have given them air whenever possible. The houses have been kept at 56 to 60 degrees. We have used no bone meal or lime. Have had no green fly until lately. Smoked regularly once a week, also syringed whenever possible. Had about the same trouble last year but put the blame on using too much sulphur on the pipes. About December 1 we trimmed off some of the blind wood to give sun and air a chance to get between and shortly after the Maids started to turn pale; lately they have come a little more true to color. Have also Ivory and Golden Gate on the same benches but they seem to be all right. W. A. S.

After a critical examination of the specimen received, I am inclined to think that these roses must frequently be exposed to a higher temperature than 56 or even 60 degrees during the night and there also seems to have been the lack of proper ventilation.

Where the greatest error occurred was in mulching before the plants were large enough to make use of it. This mulching has had the effect of excluding the sun from the soil and, as the plants show distinct evidence of having been frequently very dry at the point where the soil touched the bottom of the bench, this also can be ascribed to the mulching, as it frequently happens that the mulch absorbs and retains the moisture, giving the bench the appearance of being moist while the soil may be dry.

This would account for the thin texture of the foliage and the poor color of the petals.

I have never found it necessary to cut off any wood from young stock of Brides and Bridesmaids, except for propagating purposes, during midwinter and cannot imagine such a case and especially where the plants are so feeble as this specimen indicates.

Keep the surface of the bench clean and moist enough to prevent cracking. Reduce the night temperature to 56 degrees and be sure it remains at that point. Run it up to 75 or 80 degrees, according to intensity of sunshine. Refrain from feeding until health is again established. Give air freely on all favorable occasions. Use the syringe to keep down spider. If these methods are followed with good judgment and soil and water are of good quality there is no reason why these roses should not recover in time and give a good account of themselves. Ribes.

CINDERS FOR BENCHES.

Is there any damage in using cinders instead of sand for covering the benches to set pot plants on? What would be the best paying crop to put in a carnation house where carnations have died out? Would asters fill the bill?

W. A. S.

What you call cinders are usually called ashes. They are what shake through the fire bars. We sift them through a ½-inch mesh sieve. They are used, possibly, more than any other material for spreading on the benches to set the potted plants on. We have used the ashes of both hard and soft coal, as well as coke. All are useful for the purpose. Last February our supply of sand ran out and my son spread three inches of sifted coke ashes on a bench with little or no bottom heat, for a very little heat penetrates an inch board. Among other varieties of carnations, he put in a thousand cuttings of Estelle. They were, after being in the ashes three weeks, the richest, best colored and altogether the healthiest batch of cuttings I ever saw, and I could not discover a cutting that was not rooted. Chrysanthemums and a host of other soft-wooded plants root finely in coal ashes. I only quote the above to show how harmless they are.

As you have the soil on the bench where carnations have failed, I should suggest lettuce. You might, by good management, get three crops before it could be grown outside. Sweet peas sown before the end of the month would produce at Easter, and that is not the only

time that they sell well; during the months of May and June there is a great demand for them. If your local wholesale market is good you could stock up with azaleas and other Easter plants. There is time enough for hybrid perpetual roses in pots and after Easter you should need the bench for geraniums and other bedding plants. W. S.

PRONOUNCING DICTIONARY.

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Frequent inquiry as to the correct pronunciation of plant names has led us to compile the following list of names, selecting those in most common use in the trade, and including botanical terms most frequently met with in articles upon plant culture.

In our list we have used the following

KEY TO PRONUNCIATION.

a as in fat	e as in met	ō as in note
ā as in fate	ē as in mete	ö as in mov
ä as in far	è as in her	ô as in nor
â as in fall	i as in pin	u as in tub
ă as in fare	ī as in pine	ū as in mut
å as in Persia	o as in not	ù as in pull

The syllables to be accented are marked thus ′.

(CONTINUED FROM LAST WEEK.)

N

Nana—(nā′nå).
Narcissi—(när-sis′ī).
Narcissus—(när-sis′us).
Natans—(nat′anz).
Nasturtium—(nas-ter′shi-um).
Neapolitanum—(nē-a-pol-it-ā′num)
Negundo—(nē-gun′dō).
Nelumbium—(nē-lum′bi-um)
Nelumbo—(nē-lum′bō).
Nematode—(nem′a-tōd).
Nematoid—(nem′a-toid).
Nemophila—(nē-mof′i-lå).
Nepenthes—(nē-pen′thēz).
Nepeta—(nep′e-tå).
Nephrodium—(nef-rō′di-um).
Nephrolepis—(nef-rol′e-pis).
Nerine—(nē-rī′nē).
Nerium—(nē′ri-um).
Nertera—(ner′ter-å).
Nicotiana—(ni-kō-shi-ā′nå).
Nidus—(nī′dus).
Nierembergia—(nī-e-rem-ber′ji-å).
Nigella—(nī-jel′å).
Nigra—(nī′grå).
Nobile—(nō′bil-e).
Noctiflora—(nok-ti-flō′rå).
Nodule—(nod′ūl).
Noisette—(nwo-zet′).
Nomenclature—(nō′men-klā-tūr).
Nothochlæna—(noth-ō-klē′nå).
Nucifera—(nū-sif′e-rå).
Nuphar—(nū′fär).
Nymphæa—(nim-fē′å).
Nyssa—(nis′å).

O

Obconica—(ob-kō′ni-kå).
Obovata—(ob-ō-vā′tå).
Obvallaris—(ob-va-lā′ris).
Occidentalis—(ok-si-den-tā′lis).
Ocellata—(os-el-ā′tå).
Ochroleuca—(ok-ro-lū′kå).
Odontoglossum—(ō-don-tō-glos′um).
Œnothera—(ē-nō-thē′rå).
Officinalis—(o-fis-i-nā′lis).
Oidium—(ō-id′i-um).
Olea—(ō′lē-å).
Oleander—(ō-lē-an′der).
Olearia—(ō-lē-ā′ri-å).
Oleraceous—(ol-e-rā′shius).
Omphalodes—(om-fa-lō′dēz).
Oncidium—(on-sid′i-um).
Onoclea—(on-ō-klē′á).
Onychium—(ō-nik′i-um).
Opulus—(op′ū-lus).
Opuntia—(ō-pun′shi-å).
Orchid—(ôr′kid).



Small and Large Scion on Same Size Stock.
(Whip graft with large scion and modified whip graft with small scion.)

Orchidaceæ—(ôr-ki-dā′sē-ē)
Orchis—(ôr′kis).
Oreodoxa—(ō-rē-ō-dok′så).
Orientalis—(or-i-en-tā′lis).
Ornithogalum—(ôr-ni-thog′a-lum).
Osmanthus—(os-man′thus).
Osmunda—(os-mun′då).
Otaksa—(ō-tak′så).
Othonna—(ō-thon′å).
Ouvirandra—(ö-vi-ran′drå).
Ovata—(ō-vā′tå).
Ovule—(ō′vūl).
Oxalis—(ok′sa-lis).

(To be continued.)

BUYS AN "OFF-PINK."

A resident of Tarrytown-on-Hudson has paid $20,000 for a pink. This is a species of "frenzied finance" of which probably even Mr. Lawson would approve, as the flower in question is an off-pink of the famous pink for which the Boston financier paid $25,000.—New York Tribune.

The above was copied into a Buffalo paper. I can think of only two gentlemen likely to pay such a fancy price for an "off-pink." They are Frank R. Pierson and William Rockefeller. There may be several others residing in that charming locality on the eastern shore of the Hudson, but I am not sufficiently intimate with them to know of their propensity to invest so heavily. If it is Mr. Rockefeller, then it's a commendable distribution of superfluous wealth. If it's Mr. Pierson, then we would say he's not only "off" pink but "off" generally.

But we suspect this dream is about fourteen times a greater exaggeration than the price said to be paid by "frenzied finance" Lawson for the marvelous production of Peter Fisher's skill, which marked an epoch in carnation culture. W. S.

COAL CONSUMED.

We have 26,000 feet of glass and our coal costs us $1.50 per ton on cars in our city, in Pennsylvania. We can haul four to five loads a day from the cars to the greenhouses. Last season we burned twenty-five pounds for each square foot of glass. B. B.

I have a greenhouse near Philadelphia, 24x70 feet, two-thirds heated for roses and one-third for carnations. Last winter I burned sixteen tons of stove coal. The house contains about 1,680 square feet of glass. This would bring the coal consumed to about twenty pounds per square foot of glass. C. L.

HYACINTHS AND OTHERS.

I potted the following bulbs on December 6: Dutch hyacinths, Von Sion narcissi, single tulips and Lilium Harrisii. I wish to have them in bloom for Easter. I have a house where I can maintain a temperature of 60 degrees at night and 70 degrees in the daytime, with a little higher if needed, I have had

the pots in a suitable place since planting. How will I proceed to get the desired result? R. P.

You potted all your bulbs much too late, yet if the hyacinths, narcissi and tulips are outside and covered with three or four inches of soil or tanbark and stable litter or leaves, you will have no trouble in flowering them finely at Easter. This festival arrives so late this year that these bulbs will be far advanced and other years when Easter came as late we found that two weeks in the greenhouse was plenty of time to bring them into flower. Don't forget that. The Lilium Harrisii potted as late as December 6 will hardly have made any top growth as yet and would be better in 50 degrees at night and about middle of February give them the 60 degrees temperature. W. S.



CARNATION NOTES.—EAST.

Selection in Propagation.

I will venture the statement that you are anxious to improve or at least to keep every variety you grow up to standard and have decided on what sorts you will continue. During daily attention to watering, disbudding, cutting, etc., you have no doubt noticed some particularly vigorous and shapely plants, or others from which numerous blooms have been cut. It is well to take careful note of the quality of bloom from these plants as an aid in deciding what plants are worthy of becoming ancestors.

In a bench of 1,000 or 2,000 you can single out 100 or 200 and treat them as stock plants without materially affecting the cut of bloom.

Propagation by cuttings is supposed to produce plants exactly like the parent, but we know this is not literally true. Probably if the same conditions could be maintained as were during the growth of the parent plant, there would be no perceptible variation but this is a physical impossibility, owing to conditions beyond our control, and it is well this is so, as it is these variations that allow selection of higher or improved types.

Inasmuch as the hybridizer must select vigorous parents to produce varieties of superior merit, so must the grower, to maintain these meritorious qualities, choose his young stock from plants approaching the nearest to perfection, or, as stock breeders say, from thoroughbreds.

Heavy feeding or strong forcing for the production of large quantities of bloom is not conducive to the making of thoroughbreds, as by this means the greater part of the energy is expended in the efforts of increase through the medium of seed, while our plan is to employ cuttings.

As advised in former years, and intimated above, the ideal way to obtain strong, desirable cuttings is to grow plants for the purpose. I do not mean by this that they should be prevented from blooming, for, on the contrary, there are good reasons why they should be allowed to do so, but under restriction.

It is an unvarying law of nature that the ability or power of a plant to flower or increase will degenerate and be lost by disuse; that is, if prevention from blooming is carried too far this property will become impaired or destroyed and the whole plant weakened. On the other hand if restricted to the extent that its gland system can replace the worn out parts, the plant gains vigor.

Now, if you have a thrifty batch of a paying variety and wish to grow it largely next year, do not trim the plants to bare poles and ride it hard for cuttings. Better take two years in working up a vigorous stock by careful selection than to take chances of boarding a lot of "would bes" and "has beens" next winter. If the variety possesses true merit you cannot get all there is in it during one season. We see examples every year of sterling varieties joining the silent majority through the mad rush for cuttings.

GEO. S. OSBORN.

CARNATION NOTES.—WEST.

Value of the National Meeting.

Have you arranged to attend the American Carnation Society's convention at Chicago next week? If you have not made up your mind to go you had better do so at once. It will pay you handsomely for the time and money it will cost. The exhibition alone will be worth going many miles to see, to say nothing of the valuable information one always gathers at such a place. There you will see all the new candidates of the year, besides those of recent years, and you can compare them and select those you may want to invest in. If you have already ordered some new ones you will be sure to meet the originator, and you can talk to him about their peculiarities and their likes and dislikes, and you will be sure to have better success with them as a result.

Then, again, you will be able to see how your own stock compares with that from the best growers of the land. If you bought some new ones last spring and they have disappointed you, you may run across some grower who is showing some extra fine blooms of those same varieties and you can find out from him where you have erred.

If you have some extra fine stock yourself and you imagine there is none so good in the land, take a bunch along and show them what you can do. You may change your mind after you see some of the other fellow's stuff. If you have some pet seedlings, by all means take some along and compare them with those from other growers. It's the best place in the world to see whether you are keeping up with the procession in your work. If you have some extraordinarily good ones you will profit immensely by having shown them and, on the other hand, if they are not as good as you imagine it will help you to make up your mind to discard those that are not up to the mark.

But don't think that your free blooming varieties will have to measure in size with the largest blooms you see there. Your variety may be much more profitable than the large one, and most probably it will be. So when you select the varieties you wish to buy, don't be influenced too much by the size, but find out all you can about freedom and the quality of culture required, etc. Always bear in mind that these blooms are in most cases grown by expert growers and have received the very highest possible culture and that another variety which looks far inferior, if it had the same degree of culture, perhaps it would show up just as good. A very good illustration of how misleading the list of prize winners might be occurred at Detroit last March, when Alba defeated Lady Bountiful, The Belle, and several others. Those who have grown these varieties know how much inferior Alba is to the others as a money maker. The varieties that produce the largest bloom and score the highest are not necessarily the most profitable ones for the commercial grower. See how the variety Adonis has been laying all other reds low, but I have yet to see the grower who was able to make any money out of it. So don't be carried off your feet by the fine appearance of a variety unless you are satisfied that it has the health and freedom necessary to make it profitable.

And after you have absorbed all the information and good in general there is to be had, don't be so ungrateful as to leave without becoming a member of the society. The two-dollar fee will not hurt you, but it will help the society to keep up. It is the only means of income the society has, and think of what this society has done for every grower of carnations! Besides it will give you admission to the banquet, which alone is worth several times the price, and surely you would not impose upon your friend who is a member, by asking him to take you in. He may not want to refuse you, but he really has no right to take you in and he cannot if the committee in charge does its duty. So plank down your two dollars and join the society that has done you more real good than any benefit society you have ever belonged to.

A. F. J. BAUR.

CARNATIONS FOR SUMMER.

I have a bench of American Beauty roses that have, I might say, failed, due I think to the use of wood ashes too freely. The Beauties did very well up to about September. We used a barrel of ashes to a bench 5x110 feet. About September the foliage began to yellow, flowers short-stemmed and of little value. I have a fine lot of Enchantress and Lawson just potted in 3-inch pots. Will it do to take the Beauties out, turn the soil and plant the carnations for summer blooming? My intention is to pull these out again in the autumn and replant for winter blooming. J. H.

If the wood ashes were strong enough to seriously injure your Beauties I certainly would not advise you to plant anything else in the same soil. Better take

the soil out and refill with fresh soil, the same as you use for planting carnations in the fall. The Enchantress and Lawson, if planted as soon as they become established in the 3-inch pots, say about March 1, ought to do nicely and give you a fine crop of blooms early in the summer, especially the Enchantress. The Lawson stems might come a little short. There would be no need of replanting again in the fall, in fact, I would not think of it. Those plants will make the finest stock on your place next winter if you top dress and mulch them occasionally next fall and winter. They will require a little more feeding than fall-planted stock, but they will pay you mighty well for it.

A. F. J. BAUR.

THE WITTERSTAETTER WAY.

The carnation growing establishment of R. Witterstaetter, just over the hills from Cincinnati, is one of the remarkable places of the country, not for its size, for there are many larger, but for the fact that save for Enchantress and Cardinal, no other variety on the place is to be seen anywhere else; all, including Cardinal, are seedlings, originating there.

Good culture is the rule and one must look far and wide to find stock in better shape. "For years," says Mr. Witterstaetter, "it hardly paid to grow the best quality for the Cincinnati market, but now the retailers are finding more people who want the finest flowers and they are willing to pay me what such stock is worth. In fact, the demand is now all that I can supply."

This is the establishment whence came Adonis, Enquirer, Cardinal and several others, and there are half a dozen sorts now on the place which would immediately be put on the market if they belonged to anyone else. One, indeed, the proprietor feels, is good enough to do credit to his name, and will be introduced in a year or two. It is nameless, but is known as the "Improved Lawson," not that it has any strain of Lawson blood in its parentage, but that Mr. Witterstaetter thinks it, being in the same class for color, will prove to have all the good points of that variety and several added virtues. Principal of these latter is the fact that it is an early bloomer and makes from the start stems up to Lawson's best mid-winter standard. It is of splendid form. When one says that he has something better than Lawson he encounters the incredulity of the rank and file of growers, but here is one worth watching.

There is a White Lawson here, but a still better white, in the eyes of Mr. Witterstaetter is one which is an even more profuse bloomer for him. Another white is a pronounced departure in form from all existing varieties, the flower being almost a perfect hemisphere. the petals being scalloped, not fringed, and remarkable for their regularity. There is only a small stock of this, but it catches the eye on sight.

There are several good reds which are of good size and form, but habit of growth is more important than all else in Mr. Witterstaetter's view. One is ideal in this respect, and may be put out if it holds good by comparison with the several new reds shortly to be distributed.

In one house there is a half bench of a seedling from Enquirer. In form and color it is very like Fiancee, possibly a little larger.

Mr. Witterstaetter has recently enlarged his place and it is in all respects a model. He had a large part of his cuttings in the sand before Christmas. He does not trim them at all.



House of Carnation Richmond Gem. Photographed New Year's Day.

SHEEP MANURE FOR MULCH.

I am intending to use pulverized sheep manure as a top dressing for carnations. What kind of a top dressing would it make to mix that with cotton seed meal and pulverized bone, and in what proportion should they be used?

H. B. G.

I do not know anything about the value of cotton seed meal as a fertilizer or what fertilizing properties it contains. The sheep manure, with ground bone mixed through it, will make an excellent top dressing. I would add about a 4-inch pot of bone to one bushel of sheep manure and thoroughly mix it. Spread it on the soil about a half-inch thick and water soon after you put it on. I would mix it several days before putting it on the beds and turn it over once each day. A. F. J. BAUR.

A "BREAD AND BUTTER" RED.

The call is not all for fancy varieties of carnations these days, for many growers, espccially among those who retail their own product, have found that to produce the big exhibition blooms requires care, if not skill, beyond what they can afford to devote to them. Besides, to get a regular supply of these big flowers often requires a larger number of plants than the grower who is not a specialist has room for. And without a regular supply, the very best variety loses half its value; you have it when you don't need it and when you need it you haven't got it. The result is that there is a good field for the so-called "bread and butter" varieties, the sorts which, while they do not give fancy flowers, are healthy and easy to grow, give a steady cut and an abundance of bloom.

Charles Knopf, the managing partner in the B. K. & B. Floral Co., was foreman for E. T. Grave, at Richmond, when the carnation now known as Richmond Gem was produced from seed and thought so highly of it that, when he started in business for himself, he bought the stock. He has now grown Richmond Gem for five years and likes it better every season. It does not come under the head of fancy, either in size of flower or length of stem, although it has all the size and stem required for a general-purpose variety. The color is a very good red and at Christmas a very large cut was sold at 7 cents per flower. The variety's strong point is its freedom and steadiness of bloom. The accompanying illustration shows one of Mr. Knopf's houses photographed at holiday time.

The B. K. & B. Floral Co. has a very neat plant, five houses, 250 feet long. All their stock is well grown, much of it being shipped direct to retail florists and the balance consigned to the Cincinnati market. Several seedlings are being coached. One variety Mr. Knopf thinks isn't as generally grown as it should be is The Queen.

THE CARNATION SHOW.

All plans are now complete for next week's convention and exhibition of the American Carnation Society, at the Auditorium Hotel, Chicago. A large attendance is assured and also a large exhibition. All the new sorts will, of course, be shown and the display of standard varieties will be much larger than was thought possible a couple of weeks ago, when cuts were light and prices high. All that is required to give the show a good start is favorable weather but storms, should they occur, are not likely to seriously disturb affairs, for the hour for staging is 1 o'clock and practically all the trains are due in the early morning hours. At no time this winter have the through trains been delayed more than an hour or two. The date is five weeks earlier than last year.

The illness of George Wienhoeber will prevent his appearing before the convention so that the essayists will be three, Prof. Hasselbring, Fred Lemon and C. L. Washburn. The judges were elected at last year's convention. They are W. N.

Rudd, Wm. Scott and Wm. Nicholson. Mr. Scott has been quite ill for several weeks and writes that he has abandoned hope of attending.

The Chicago Florists' Club will be the host at a banquet as the closing feature of the convention. Many of the visitors will remain a day or two to visit the well-known carnation growing establishments in the vicinity of Chicago.

McKINLEY'S FAVORITE FLOWER.

On McKinley day, January 29, a great many people will insist on having a carnation of a certain color, in the belief that it was Mr. McKinley's favorite. As a matter of fact it was the carnation that Mr. McKinley loved, without regard to color. An evidence of this is the fact that different people will argue that he wore a red flower or a pink or crimson, not agreeing at all as to color. Each may have had the evidence of his own eyes, for Mr. McKinley wore them all, and white.

If McKinley day is to become of value to the florists it is of importance that all colors of carnations be recognized as appropriate for the purpose of the occasion. There is a little story which may serve to turn many people from a belief that they must have a color: Not long since a well-known florist chanced to be in Canton and was accorded the privilege of entering the vault in which McKinley's body lies. There upon the casket lay a great bunch of *white* carnations with the card of Mrs. Roosevelt. Surely had Mr. McKinley's favorite been pink or red Mrs. Roosevelt would not have sent white.

AMERICAN CARNATION SOCIETY

The Chicago Meeting.

The meeting and exhibition of this society will be held in the Auditorium Hotel, Chicago, January 25 and 26. Every one interested in carnations is invited to come and meet with us. Special rates of a fare and one-third, on the certificate plan, have been granted from all points east of and including Denver. The small sum of $2 makes you a member of the society and pays one year's dues. This entitles you to exhibit any new or old carnation you may have to show.

The Auditorium Hotel can take care of all members at reasonable rates, especially where two will occupy the same room. This puts all under one roof, lodging, the meeting and exhibition and weather need not be taken into account.

There are so many sports of Lawson coming into the field that this society would like, for the sake of uniformity and to avoid the introduction of the same variety under different names, to have every carnation grower who has a sport from Lawson, of any color, to exhibit the same at this meeting, and especially so if he intends placing it on the market. Where the grower does not accompany the box it should be marked as follows: "The American Carnation Society, Chicago, Ill., care of P. J. Hauswirth, Auditorium Hotel; Prepaid."

Department of Registration.

Patten & Co., Tewksbury, Mass., register Mikado; color white, overlaid with crimson, a seedling of 1902, a cross of Gov. Roosevelt and Prosperity, style of growth like Gov. Roosevelt, size of blooms three to three and one-half inches. Pink Patten; color clear dark pink, a sport from Mrs. M. A. Patten.

ALBERT M. HERR, Sec'y.

CARNATION DAY.

The accompanying portrait is that of Lewis G. Reynolds, of Dayton, O., to whom the trade is indebted for the idea of the Carnation League of America, with its three millions of members, each of whom will wear a carnation on January 29, the anniversary of President McKinley's birthday. The Florists' McKinley Memorial Fund committee has at different times detailed the objects of The Carnation League of America, and the benefits already derived, and to be derived, from this popular movement and it now feels that the time has come for prompt action.

The committee has expended considerable effort to place this question before the trade; a fair number have subscribed to the fund; a greater number have pledged themselves; but the greatest number have failed to respond. Those who have paid, the committee heartily thanks; to those who have subscribed, but not paid, the committee would urge prompt payment, so that they may receive their certificate before January 29,



Lewis G. Reynolds.
(Originator of Carnation League of America.)

and to the great number who have failed to respond, either through neglect or indifference, the committee would urge prompt action.

The grower and the wholesaler are equally interested and benefited with the retailer; therefore it behooves all, from the employee to the proprietor, to have a part in a movement that will bring manifold good to our profession. A generous response will easily attain our object and obtain for our profession a fund for the National McKinley Memorial that will prove a lasting monument to the florists' profession and that will bring back to us many times the amount invested.

Any donation (the committee terms it investment) of $1 or more entitles the member to a handsome steel engraved certificate, fit to be framed, which when displayed in your place of business will prove a lasting appeal to the sentiment and patriotism of your customers, and an indication of your own loyalty to, and your interest in, our great republic.

"Do it now," and send your remittances to the undersigned.

H. M. ALTICK, Chairman.

Dayton, Ohio.

Vegetable Forcing.

VEGETABLE MARKETS.

Chicago, Jan. 18.—Cucumbers, 50c to $1.75 per doz.; leaf lettuce, 20c to 25c case; head lettuce, $2 to $3.10 bbl.

Boston, Jan. 17.—Cucumbers, $13 to $20 box; seconds, $3 to $10 box; radishes, $2.50 to $3 box; mint, $1 to $1.25 doz.; tomatoes, 35c lb.; mushrooms, 50c to 75c lb.; lettuce, 50c to $1.25 box of three doz.; asparagus, $3 to $4 doz.

SUCCESSIONAL SOWINGS.

Keeping the benches full is a matter of much importance. It only requires a little foresight but carelessness or procrastination in the matter may cause quite some delay, which at the year's end results in considerable shortage in receipts. The thoughtful grower always has plants ready to fill up his benches just as soon as a crop is harvested.

It is useless to try to lay down any hard and fast rule or to say just how many days or weeks should elapse between sowings of the different subjects. It is pretty much of an individual matter, so few are placed just alike in regards to space or demand. If a constant supply of all or any of the several vegetables employed for forcing is to be kept up they will naturally have to be kept coming along in all the different stages, so that when one bench is finished another is ready to begin on and the time between the sowings must be regulated by the length of time the supply in the bench will last. In such cases there is little danger of a shortage, as sowings would be regularly made every week or ten days with such subjects as cauliflower and lettuce and about every four weeks with tomatoes and cucumbers.

Cauliflower heart up pretty much together and in about a week from the time of starting to cut, the bench would be pretty well cleared. Lettuce would take about the same time, although the time could be extended a few days without danger of loss if necessary. The length of time tomato or cucumber plants will bear, depends pretty much on the space the plants are allowed to cover but from four to six weeks is about the average time that they can be depended on to keep up a supply.

It is usually in the smaller places that we see time lost, where there is no attempt made to keep up a steady supply, but where a house or bench may be used to grow one thing now and another thing again. A grower often finds that he can grow such crops as lettuce and cauliflower through the coldest of the winter days but cannot command enough heat to grow cucumbers or tomatoes, though he may be so placed that the latter crops are the more profitable; then through the warmer spring months the changed conditions make it possible for him to grow the other crops. In such cases it is well for him to look well ahead and have his seed planted in good time so that his plants will be coming along and be in the best possible stage for planting by the time his space is ready for their accommodation.

There is, of course, a medium to be struck. It would be just as bad to have the plants too large as to have them too small. If tomatoes are under way a little too soon they can be kept moved

up into larger pots and kept growing on and, even if they are larger than desired when planting time comes, they will quickly take to the soil and go ahead without much check. Cucumbers, on the other hand, are not so well adapted for moving up into larger pots. It is better to plant them in the benches when the plants are from four to six inches high. If kept confined in any way they are apt to become weak and spindly. Being soft-rooted they are very susceptible to injury and once checked take quite some time to recuperate.

In sowing, for tomatoes about six weeks should be allowed for the plants to attain sufficient size for benching; for cucumbers, four, or not more than five weeks would be quite long enough. Four to five weeks is also about the length of time that should be allowed for both lettuce and cauliflower. I don't believe in setting out large plants of either of the last named subjects, as they take quicker hold of the soil when not too large.

With any of the above named subjects, however, a great deal will depend on the freshness of the seed. Old seed not only germinates slowly but there is always a weakness about the plants, growth being slower after they are started. It takes almost two weeks longer to produce plants of the required size from old seed than it does when the seed is fresh. It is therefore a good plan to try the seed before hand to make sure of its germinating power and vigor, and if you have been unfortunate enough to get stuck with old seed, to make allowance for the extra time it will require to have the plants large enough for setting out. W. S. CROYDON.

BOSTON.

The Market.

We have had a week of comparatively clear and bright weather since our last report, a pleasant change from the conditions existing a week earlier. Naturally production has increased considerably, without any proportionate increase in demand. Roses have continued to hold their own pretty well for the cut of these is not very heavy at present. Some of the largest growers have their Beauties off crop and the quantity of select stock coming in is much smaller. A few select reach $50, a more popular grade going at $25. Brides and Maids have made $8 to $10 for good stock, a few extra fine going higher. Rather too many second and third grades of these are coming in.

There is not much change in prices of carnations, about $3 to $4 being as much as select stock has brought, a few fancies selling higher. Both in the markets and commission houses a considerable overstock was noticeable the past week. Violets are coming in much more abundantly and have taken quite a slump in prices, the best making 50 cents, ordinary only fetching 25 to 35 cents. Such a heavy drop in prices is rather surprising. We think they will advance again later in the season. Bulbous stock has been in rather better demand for funeral work. There have been no particular changes in prices of other flowers.

Various Notes.

The opening lecture of the winter season at Horticultural Hall on January 14, drew a good audience. The lecturer was Prof. H. L. Fernald, of Cambridge, his subject being "Some recently introduced weeds." He gave a list of eighteen varieties of weeds of recent introduction, which have appeared as pests in various localities near here and showed herbarium specimens to enable those present to identify them. Impure clover seeds had undoubtedly brought some of the most dangerous kinds. The suggestions for dealing with weed pests included the prevention of their seeding, the ploughing of the land and salting where necessary.

Quite a number of prominent growers have been, or now are, on the sick list. William Nicholson has been confined to bed with the grip. He has also suffered from a fall on an icy sidewalk in Boston. E. A. Peirce, E. Sutermeister and a number of others have also been in the hands of doctors. We trust all may be well ere the time arrives for the Chicago convention.

Backer & Co., of Billerica, grow some of the best carnations going into our market. They are also in the seedling business and have some very promising ones. A bright rosy pink variety, something in the way of Lawson, but with longer and more wiry stems, has the making of a good commercial variety.

F. A. Blake's new scarlet seedling, No. 67, is attracting considerable notice at Welch Bros. The same grower is shipping one of a very unique magenta color, which seems to sell well. He has a large assortment of other seedlings, some of which are very distinct and promising. Geo. M. Anderson also has a fine scarlet seedling which he ships to the same firm.

Geo. McWilliam, of Whitinsville, has a superb display of calanthes at present. These he grows in quantity and to remarkable perfection. While a number of species are grown, the larger proportion are of C. Veitchii. Mr. McWilliam has produced bulbs of these fourteen inches long and has had on one or two occascions as many as seven spikes come from one bulb, and frequently five, although he usually allows but three to develop. He has a record of over 100 flowers on a spike and has numerous spikes carrying fifty to seventy-five flowers this season. He is surprised that an orchid, comparatively inexpensive and of easy culture, lending itself so well for decorative purposes and lasting so well in a cut state, is hardly grown at all commercially.

Our Boston, Brockton and other papers have been printing some delightful stories anent the Variegated Lawson recently sold by W. B. Arnold to the F. R. Pierson Co. Mr. Pierson is very flatteringly described as "a millionaire resident at Tarrytown-on-Hudson" and is stated "to have paid the sum of $20,000 for the new freak Lawson sport," a mere bagatelle surely for a millionaire.

The meeting of the Gardeners' and Florists' Club, of which a more extended report will appear next week, proved to be a stimulating one in every way. Exhibits were again numerous, C. W. Ward's collection being especially fine. Guttman & Weber's Victory also came in for much admiration. A hearty invitation to the American Carnation Society to meet in Boston in 1906 was adopted.

Sabin Bolton, head gardener for Oakes Ames, of North Easton, has a fine collection of varieties of Cypripedium insigne in bloom at present, including all the best yellow forms. Among the latter C. Sanderæ gigantea is the finest, being larger and bolder than Sanderæ, Other fine named types are citrinum, Lutwytcheanum, Ballæ, Cobbianum, Vanner's variety, Laura Kimball, Ernestii, Dorothy and Sanderianum. Fine plants of that grand variety, Harefield Hall, are also conspicuous.

Those who are growing Carnation Nelson Fisher speak in high terms of the excellent way in which that variety holds its color. One large grower stated that he had kept it two weeks in water without its losing any color.

We are all hoping that the American Carnation Society will vote to come to Boston in 1906. Massachusetts has come to the fore, since the last convention met at the old Horticultural Hall in 1895, as a raiser of seedlings. Such standard sorts as Lawson, Queen, Wolcott, Mrs. M. A. Patten, Nelson Fisher, Boston Market and others were all raised near Boston and even better kinds are in preparation.

W. N. CRAIG.

WASHINGTON.

Continuous cloudy weather has prevailed for nearly two months, making flowers of all kinds scarcer than they have been for several years, but the last two weeks have been very quiet. The last two days, with our opening season of receptions, the sun has shown itself, which gives brighter faces among the growers. Maids and Brides are moving well at $12.50 to $20 per hundred, La France, $10 to $15, Beauty fetches $5 to $12 per dozen. Tulips and narcissi are moving slowly at $2 to $3. Southern violets are very low and hard to move at 25 to 50 cents per hundred. Northern violets are fast taking the place of southern ones. The day is not far distant when they will be doomed. Blooming plants are coming in finely, but on account of very bad weather they do not move at all.

Various Notes.

Gude & Bro. have been cutting some very fine Beauties and Cardinals. The Cardinal seems to be a shy bloomer with them, but what flowers come do well and it is a fine keeper.

Geo. Schaffer has quite a few dinners booked for the coming week and is also doing quite a lot of funeral work.

Blackistone says he is filled up with orders. He claims stock is scarcer than orders with him.

Mayberry & Hoover say they have all that they can do, both funeral work and dinners.

Brooks is doing considerable funeral work.

The regular meeting of the Florists' Club was held last Tuesday, W. F. Gude presiding. The attendance was quite large in spite of the blizzard. The most important business was the appointment of the various committees for the S. A. F. convention. The hall committee recommended Convention Hall as being the most suitable. It is one of the largest and finest in the United States, seating 10,000 people and centrally located, only fifteen minutes' walk from the various hotels and reached by all street car lines with one fare. Secretary W. J. Stewart made us a flying visit and was met by our local committee, headed by Vice-

president J. R. Freeman. After looking over the hall and giving us quite a lot of valuable information in regard to the convention, the committee adjourned to the French Castle for dinner.

Recent visitors: P. O'Mara, New York; M. Rice, B. Eschner, Martin Reukauf and S. S. Skidelsky, Philadelphia; F. X. Millman, Cumberland, Md.; P. Crowle, of Speilman & Sons, Sassenheim, Holland. Next week we will look for Holland and Belgian drummers in bunches.

F. H. K.

MADISON, N. J.

The Morris County Gardeners' and Florists' Society, of this place, held its annual smoker on Wednesday evening, January 11. At this meeting the newly elected officers took their stations and, while the evening was largely given over to pleasure, it was evident that this year the society is going to boom along as it never did before. The newly elected officers are: President, John Herremans; vice-president, M. McNulty; secretary, Ed. Reagan; treasurer, Wm. Charlton. The newly elected president, while comparatively a new man in the district, has already shown his ability as a grower and the future of the society will be assured with him. The treasurer's report showed every bill paid for the year and a balance of some $250 in the treasury.

The punch that is brewed every year for this occasion has acquired international renown and it was up to the test for quality, strength and abundance. A first-class vaudeville show had been arranged and the boys were kept in roars of laughter until after midnight. This society voted several years ago to cut out the formal dinner and substitute the present style smoker and it seems to suit the members much better and good fellowship reigns supreme.

The E. G. Hill Co. sent on for exhibition a vase of their new rose, Richmond, and also one of Rosalind Orr English. One of our members brought down a vase of Liberty to compare it with Richmond and Richmond proved well able to take care of itself, being stronger in growth, heavier in foliage and a shade brighter in color. Wherever Richmond is shown it is doubtful if it will ever have to stand a more searching inspection than it did at Madison, because the members are mostly rose growers and many hundreds of dollars have been spent here testing new kinds only to meet with disappointment. To the credit of Richmond be it said that not one adverse comment was passed on it, the only question being as to its freedom and this part the introducer vouches for. A certificate was unanimously awarded. The Chicago Carnation Co. also received the club certificate for Fiancee, which, though somewhat battered by rough handling on the cars, showed up as grandly as ever.

The meeting finally came to an end, as all good things must, though it may be said to have been the longest session that the club has held for I understand some of the members did not get home for two days after. However, all is once more "quiet along the Potomac" and the only sound to be heard is the rose grower bewailing the fact that prices are again down out of sight and unless a change soon takes place, some of us will be meandering gently over the hill that leads to the poorhouse.

CHARLES H. TOTTY.

NEW YORK.

The Market.

Last week was most unsatisfactory as to prices in the wholesale market and the tendency was constantly downward. Especially was this the case with violets. Even the finest specials at times fell to 75 cents, while ordinary stock could be had at any price, one prominent dealer closing out a surplus at $2 a thousand. The up-state growers will think seriously before adding the 100,000 square feet of glass meditated for 1905. Some premonitory spring exhibits are seen in the windows. Tulips, jonquils and lilac are abundant. Lilies are unlimited in quantity. Carnations fell to $1 a hundred for ordinary kinds on Saturday.

The retailers are all busy, however, the dinner and ball season having opened with a rush. Leikens had an especially beautiful decoration of white roses and American Beauties at the St. Regis. Hodgson had the decoration for the Astor ball. The coming weeks are full of engagements for functions that will tax the originality and best efforts of the floral artists. There should be nothing but prosperity to record for many a week.

Various Notes.

Don't forget that the annual dinner of the Florists' Club will take place two weeks from next Saturday evening. Mr. Sheridan has already sold enough tickets to insure a success of the affair.

Members of the trade desiring to contribute to the Vilmorin memorial are requested to send their subscriptions at once to A. T. Boddington, secretary of the committee, as the time is close at hand when the final remittance must be sent to France.

Sigmund Geller already has many Easter novelties on exhibition, the result of his European trip. Among other Christmas mementos, Mrs. Geller presented him with a handsome girl baby.

James Hart is shipping to out-of-town customers who have been on his books for over twenty years.

The Beauty King declares the bottom of the market has been reached and from now on until Easter the advance in values and volume will continue.

Real estate in upper New York and in Brooklyn is steadily advancing in value. Fortunate indeed are the florists whose ancestors located in the then suburbs of the town. James Dean, who has a mortgage on the presidency of Freeport, L. I., was one of the first to realize the rise in valuations. A slice of land from the Wier estate near Bay Ridge last week brought $60,000, and there are others "only waiting."

F. W. O. Schmitz, of Prince Bay, won his suit against Otto Grundemann, of Secaucus, last week, securing judgment for $628.23, and Fred W. Kelsey, of New York, secured a judgment for $900 and costs from George Gould, of Lakewood, N. J., for three cars of rhododendrons.

The Scottii fern is as popular as ever and Mr. Scott has had an enormous sale on it, nearly every New York retailer handling it in quantity. David Clarke's Sons say they cannot get enough of it and the demand is growing constantly. The expected call for the small stock will be anticipated by the erection of another range of glass at the Flatbush property early in the spring.

There will be a goodly contingent of New Yorkers at the carnation convention and some fine exhibits of novelties from the east.

Bowling.

The bowlers have been exceptionally busy since last report. The second match between New York and Hoboken resulted in a victory for New York by the following score:

Hoboken.	1st	2d	3d	T'l
Manda	133	180	168	481
Otte	195	142	139	476
Hansen	150	140	127	417
Dietz	109	157	104	370
Fisher	109	92	151	352
Menda	121	115	113	349
Totals	817	826	802	2445
New York.	1st	2d	3d	T'l
Lang	187	173	186	546
Burns	154	146	170	470
Traendly	156	130	154	440
Siebrecht	126	122	171	419
Kessler	120	141	114	375
Fenrich	106	94	109	309
Totals	849	806	904	2559

At the same time the second teams rolled as follows:

Hoboken.	1st	2d	T'l
Beauman	100	167	267
Hansen	136	111	247
Burnie	108	116	224
Bohler	69	126	195
Stern	94	71	165
Garreau	116	...	116
Limprecht	..	104	104
Totals	623	695	1318
New York.	1st	2d	T'l
Shaw	124	184	308
Butterfield	152	143	295
Vocke	117	176	293
Hart	128	112	240
Buchholz	132	103	235
Elcke	108	90	198
Totals	761	808	1569

Prize night at Flatbush is always the banner meeting of the year. Everyone brings a prize and high man in the third game has choice of packages without knowing the contents. There is always a rare collection of articles peculiarly masculine. Following are the scores:

Player.	1st	2d	3d
Mellis	189	169	180
Riley	157	135	196
H. Dailledouze	149	166	165
Schmutz	147	141	188
Siebrecht	145	164	159
Scott	..	132	175
Wocker	..	161	133
Butterfield	128	117	157
P. Dailledouze	98	136	159
Shaw	110	150	126
Zeller	146	115	123
Bennett	76	100	110
Morrison	97	108	77

On the New York alleys Monday night the scores were as follows:

Player.	1st	2d	3d	4th	5th
Lang	148	166	145	222	213
Fenrich	179	174	167	153	167
Young	99	160	133	150	102
Scott	68	169	86	118	108
Pepper	88	81	79	119	107
Guttman	130	136	124	139	
Shaw	101	97	190	94	
Burns	120	151	122		
Traendly	185	188	136		
O'Mara	116	137	130		
Siebrecht	121	123	114		
Manda	187	158	121		

J. AUSTIN SHAW.

TORONTO.

Trade during the past two weeks has been very slow and stuff has accumulated considerably. Especially has this been the case with those who were not in time with their stock for Christmas, while those who were in for Christmas are so short on crop now that they do not feel the drop in business. Carnations have been gradually going down in price until we hear them quoted as low as 80 cents per hundred for very good stock. There is some satisfaction, however, in the fact that business in other lines is about as slow as in the flower business.

D. J.

Good Tea Roses are not abundant, but there is

Plenty Good Stock

in all other lines. Very heavy crops of Beauties are on and long-stemmed in particularly heavy supply. Good carnations are selling much cheaper than usual at this time of year. Send us your orders.

"GREEN GOODS" for all requirements.

....FANCY VALLEY ALWAYS ON HAND....

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones { 1978 and 1977 Central. 7846 Automatic

AMERICAN BEAUTY,	Per doz.
30-36-inch stem	$4.00 to $5.00
24-inch stem	3.00
20-inch stem	2.50
15-inch stem	2.00
12-inch stem	1.50
Short stem	.75 to 1.00
	Per 100
Brides	$4.00 to $12.00
Bridesmaids	4.00 to 12.00
Meteor	4.00 to 12.00
Golden Gate	4.00 to 12.00
Chatenay	6.00 to 15.00
Carnations	1.50 to 2.00
" large and fancy	3.00 to 5.00
Violets	.60 to .75
Valley	2.00 to 4.00
Callas	per doz., $1.50
Paper Whites, Romans	3.00
Stevia	1.50
Tulips	3.00 to 4.00
Jonquils	4.00
Sweet Peas	1.50
Mignonettes	.50 to .75
Asparagus, per string, 35c to 50c	
Asparagus Sprengeri	3.00 to 5.00
Ferns	per 1000, $2.00 .25
Galax	per 1000, $1.25 .15
Leucothoe	.75
Adiantum	1.00
Smilax	per doz., $1.50 10.00
Wild Smilax, 25 lb. cases	3.00
" " 35 lb. cases	4.00
" " 50 lb. cases	5.00

Subject to change without notice.

Mention The Review when you write.

CHICAGO.

The Market.

Receipts are not large and a little good business would clean the market in most lines, but the outlet for the lower grades of material has been frozen up during the past week and the result has been to weaken the selling value of the better grades of stock. This has not been so apparent in the case of good tea roses from the fact that the supply of this item has been short and it has been impossible to fill all orders in the way the wholesalers would like to see them go out. There are considerable quantities of low grade Brides and Maids, which are hard to move. The Beauty situation shows some improvement. Quality is no better, in fact, probably not quite so good as it was a week ago, but receipts are smaller and demand a little heavier. The largest growers report their stock now cleaning up fairly well each day.

The receipts of carnations have been considerably larger than the requirements, but white stock has cleaned up quickly at good prices, the principal demand of the week having been for funeral material. Colored stock has been sold at very low rates in large lots.

At no time this season have violets been in so bad a shape as in the last week. The receipts have been very heavy indeed and the outlet for the stock has been closed by the zero weather, with the result that prices for even the best material are very low and large quantities go to waste. This includes many thousands of fine stock from the Hudson River district and if the returns these growers get from the New York market are any worse than what they will get from Chicago for the past week, they are indeed entitled to sympathy.

It has become a chronic condition that Romans and Paper Whites are a glut. There are now abundant supplies of Easter lilies and plenty of callas. Not many tulips are seen and every now and then a few bunches of yellow trumpet narcissi. There are increasing supplies of sweet peas and plenty of mignonette, stevia, etc.

The absence of social work has resulted in a slackening call for asparagus strings and smilax and other green goods and there are abundant supplies. Adiantum is not so plentiful. The jobbers are already taking common ferns from cold storage and beginning to pick them over. It looks somewhat as though they might have no idle moments towards spring.

The Winandy Matter.

The receiver for M. Winandy says that he has not yet succeeded in getting much light on the liabilities and assets in the case, but the further he goes the worse it looks. Besides those who had sold Mr. Winandy material, numerous parties had loaned him money and it appears that some of the neighbors, familiar with his splendid reputation for probity, had made him their banker. The receiver finds, however, to say the least, no haste on the part of the creditors to prove up their claims or even make public the amounts. The law gives a year in which to prove claims. In the meantime the receiver will try to keep the expenses inside the receipts. If he can not do it he will call a meeting of the creditors and let them decide if they want the plant closed. Bradstreet estimates the liabilities at $70,000.

Richmond Rose.

The new Richmond rose will be largely grown for this market next year. Peter Reinberg has again increased his order for stock and will get 15,000. The Benthey-Coatsworth Co. is considering building a new house 36x400 at New Castle and planting it with 7,000 Richmond and also planting part of another house with it. Bassett & Washburn and Poehlmann Bros. Co. have each bought 5,000 Richmond and Wietor Bros, have 2,500 with the privilege of doubling it within a certain date. Several others have ordered smaller quantities.

For McKinley Fund.

H. M. Altick, of Dayton, O., who is giving so much time and effort to raising funds for the McKinley memorial, was a visitor at the Florists' Club last Thursday. After listening to him the club endorsed his suggestion that each one who cared to do so set apart for the fund a percentage of his carnation sales for January 28 or 29. A committee consisting of George Asmus, E. C. Amling and Leonard Kill was appointed to bring the matter before the trade and the daily newspapers. Retailers are asked to give twenty-five per cent, growers fifteen per cent, and commission dealers five per cent of their carnation sales. Most of those present and a considerable number of others have endorsed the movement. Carnation day is worth helping along.

At the last meeting of the club thirteen new members were elected and several others proposed.

Various Notes.

It is reported that E. Asmus & Co., on Evanston avenue, have sold their stock and fixtures to Leopold Koropp, who has taken a lease of the property from Emil Buettner. Mr. Koropp is to take possession next week. He is not alone in the deal and will incorporate. He will continue his place on West Ravenswood Park avenue.

Not only will the Carnation Society convention attract florists to Chicago next week, but the annual exhibition of the National Fanciers' and Breeders' Association at the Coliseum January 23 to 28 will interest a number, several having been exhibitors of fancy stock in past years.

Kroeschell Bros. Co. invites the Carnation Society members, and all others who are interested in seeing how boilers are made, to visit its big plant on the north side.

Gus Lange says that the zero weather has had a very bad effect on transient trade in the down-town district. He has a little something doing all the time because he executes Chicago orders for a good many outside florists.

The A. Dietsch Co. has added a new building to its factory to increase its facilities in proportion to its increasing business.

FANCY WHITE LILAC, - - $1.50 per doz.
WE HANDLE THE VERY FINEST
HUDSON RIVER VIOLETS.=VERY LARGE.
CARNATIONS--A fine assortment of fancy stock. ROSES--Extra fine, especially in Brides and Maids. A FULL LINE OF CUT FLOWERS.
A. L. RANDALL CO.
WHOLESALE FLORISTS
21 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

John Turnbull returned Tuesday from a trip into the northwest for E. H. Hunt. He reports good business in that locality.

Vaughan & Sperry are steadily adding to their list of shippers and developing their shipping trade.

A. L. Randall Co. reports the special Hudson River violets, 100 in a bunch, cleaning up promptly, but a very poor market for lower grades.

E. C. Amling says the crop of bouvardia is pretty well at an end. It has been popular both for table work and for use in designs, but much of it would have brought more money if longer stemmed.

ST. LOUIS.

The Market.

The trade outlook is satisfactory, despite several handicaps, especially the weather of the past week, which made walking not a very pleasant task and transient trade out of the question. About the only business done was over the telephone. Those who had plant decorations found it a difficult matter. Floral arrangements at most of the social affairs were small. A great deal of funeral work has been reported the past week, which made white flowers in great demand, while colored stock was in abundance at the wholesale houses. A few shipments came in frozen and were, of course, useless.

Quite a lot of long Beauties are in the market, greatly reduced in price. This stock was bought on Saturday for $3 per dozen, showing that the demand was slow. Beauties at $1 to $2 per dozen sold much better. Fancy stock in other roses had a fair sale, while lower grades went begging. Colored carnations are in oversupply, but whites were bought up each morning. The price was down to $2 and $3 per hundred the past week.

Bulbous stock is moving very slowly and the supply is greatly in excess of the demand. Callas and Harrisii are coming in more freely; so are freesias and Romans. Paper Whites and valley are almost a glut at the present time. Violets are becoming very plentiful and are not selling clean by any means. The call for greens is reported slow.

Some extra fine Lorraine begonias, azaleas, cyclamens and other blooming plants are seen in the windows of the west end florists, on which sales were reported slow the past week.

Club Meeting.

The Florists' Club held its regular meeting last Thursday afternoon. President Juengel, having recovered from his recent illness, occupied the chair. Twenty members were present. The committee on transportation to Chicago reported a rate of $10 for the round trip and that all members going should report to the chairman, J. J. Beneke, by January 20, so that all the members can go in a body, as a special sleeper will be assigned to them by the Wabash.

The club declined to accept Robert Scott's resignation. Delinquent members were given one more month to pay or be dropped from the roll. On a motion the chair appointed as a committee to revise the constitution and by-laws, Messrs. Koenig, Schray and Meinhardt. The advisability of holding a flower show next fall was referred to the trustees, who are to make a report by next meeting.

A. Jablonsky made a motion to build a club house for meetings and exhibitions, with bowling alleys in the basement. A committee of three was appointed to look into the matter, as follows: A. Jablonsky, Fred Ammann and John Steidle.

The next meeting of the club will be our annual carnation meeting. This will be in charge of Messrs. Beneke, Schray and Meinhardt. Fifty dollars in prizes will be given. All carnation growers are invited to compete. This meeting will take place Thursday afternoon, February 9, at 2 o'clock.

Various Notes.

John Hanzel has opened a flower store at Taylor avenue and Olive street. Mr. Hanzel was formerly employed by Alex. Waldbart. He is making a fine show of Begonia Gloire de Lorraine in his window this week.

Frank M. Ellis and John Burk were on a hunting trip in the Ozark mountains the past week. They claim that a carload of fine rabbits will follow this week. Any of the local florists who want a rabbit dinner should make application to Mr. Ellis. Fred Foster and Alex. Siegel were to have gone with the party, but the cold weather scared them off.

Chief F. W. Taylor and Superintendent J. H. Hadkinson are still in harness at the World's Fair and report that they will be for several months. The Palace of Horticulture is now in the hands of the wreckers and will by the end of the week be a thing of the past. Mr. Ussing, who was Mr. Hadkinson's right hand man during the season of the World's Fair, is now in the employ of Fred C. Weber.

The Ellison Floral Co. is moving this week, just across the street from the old location, to a much larger place, with three large show windows, giving them the much needed room.

A New Florists' Club.

An invitation has been sent to the different growers in and around St. Louis to join a new organization to which growers only are to be admitted to membership. A meeting has been called for this week Thursday, January 19, in Louisiana Hall. The notice sent out is signed by E. H. Michel, F. W. Ude, Jr., William Winter and E. Eggeling, Jr.

J. J. B.

SWEET PEAS.

Will you kindly give me information on the following questions through your columns? At what time should sweet pea seed, variety Mont Blanc, be sown in solid beds in a greenhouse in order to have the bulk of the crop for next Easter, April 23? How far apart in the row and how deep should the seed be sown? Please state the best temperature for them, night and day. My compost is one year old and consists of four parts rotted sod and one part cow manure. Will it be necessary to feed them in addition to this at any time?

W. B. S.

This query has been sadly neglected, yet if the desired information has not been obtained elsewhere, there is no time lost. Sow the seed about the last of this month. Two inches deep is enough, or you can sow a few seeds in 3-inch pots and transfer to the bed when the plants are a few inches high. The rows should be eighteen inches to two feet apart and run north and south. Two plants may be allowed to each string. That is plenty thick enough, and the strings eight inches apart. Keep that strong growth which starts from the base of plants, and the lateral growths, pinched off or it will everwhelm the original vine, which is to give the flower. The night temperature should be from 45 to 48 degrees. Your compost needs no replenishing. It is amply rich enough; neither need you feed with liquid manure.

W. S.

I CANNOT do without the REVIEW.—H. BROMSON, Moundsville, W. Va.

VAUGHAN & SPERRY

60 Wabash Avenue, TELEPHONE, CENTRAL 2571 CHICAGO

WHOLESALERS and JOBBERS

CURRENT PRICE LIST Subject to Change without Notice

Beauties, 30 to 36 in. per doz.	$4.00 to $5.00	Perle, per 100	$4.00 to $6.00	Galax Leaves, green, per 1000	$1.25
Beauties, 20 to 24 in., per doz.	2.50 to 3.00	Ivory, per 100	4.00 to 15.00	Galax Leaves, bronze, per 1000	1.25
Beauties, 15 to 18 in., per doz.	2.00 to 2.50	Our Selection, per 100	4.00	Leucothoe Sprays, per 100	.75
Beauties, 12-in., per doz	1.50 to 2.00	Carnations, per 100	1.50 to 2.00	Callas, per doz.	$1.50 to 2.00
Beauties, short, per doz	.75 to 1.00	Carnations, fancy	3.00 to 4.00	Lilium Longiflorum, per dozen	1.50 to 2.00
Liberty, per 100	4.00 to 15.00	Asparagus Plumosus, per string	.40 to .50	Narcissi, Paper Whites, per 100	3.00 to 4.00
Golden Gate, per 100	4.00 to 12.00	Asparagus Plumosus, per bunch	.25 to .50	Valley, per 100	3.00 to 4.00
Chatenay, per 100	4.00 to 15.00	Sprengeri, bunches	.25 to .35	Stevia, per 100	1.50
Bride and Bridesmaid, per 100	4.00 to 8.00	Adiantum, per 100	.75 to 1.00	Mignonette, per dozen	.50 to .75
Bride and Bridesmaid, fancy	10.00 to 12.00	Smilax, choice	.12½	Violets	.75 to 1.00
Meteor, per 100	4.00 to 12.00	Fancy Ferns, per 1000	2.00		

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

WHITE.	Per 100	Per 1000
Vesper	$5 00	
Queen	2 50	20 00
Queen Louise	2 00	15 00
Gov. Wolcott	2 00	15 00
Boston Market	2 00	15 00
VARIEGATED.		
Mrs. Patten	6 00	
Prosperity	2 00	15 00
Judge Hinsdale	4 00	
PINK.		
Enchantress	$3 00	$25 00
Lawson	2 00	15 00
Fair Maid	2 00	15 00
Ethel Ward	4 00	
Nelson Fisher	6 00	
CRIMSON.		
Harlowarden	2 50	20 00
Octoroon	4 00	
SCARLET.		
Flamingo	6 00	

ENGLISH GRAFTED ROSES ON STRONG MANETTI STOCK.	Per 100	Per 1000
Bridesmaid, Bride, Golden Gate, Ivory, Mme. Chatenay		$120 00
Uncle John, La Detroit, Gen. MacArthur	$18 00	

SEED.

Asparagus Plumosus Nanus, greenhouse-grown 5 00

SAMUEL S. PENNOCK, 1612-14-16-18 LUDLOW ST., PHILADELPHIA.

Mention The Review when you write.

A. J. FELLOURIS,



Wholesale and Retail Dealers in all kinds of

EVERGREENS



GALAX, Bronze or Green
$1.00 per 1000.

FERNS, Fancy, $1.50 per 1000. Dagger, 1.00

468 Sixth Avenue, NEW YORK

Between 28th and 29th Streets.

Telephone 4009 R Madison Square.

Mention The Review when you write.

For SOUTHERN WILD SMILAX

(Where Quality is First Consideration.)
Write, Wire or Phone the Introducers.
CALDWELL THE WOODSMAN CO.,
EVERGREEN, ALA.
☞ NEW CROP Southern Wild Smilax now ready in limited quantities.

Mention The Review when you write.

SIGMUND GELLER,

FLORISTS' SUPPLIES AND RIBBONS
108 W. 28th St., NEW YORK CITY.
—HEADQUARTERS FOR NOVELTIES—

Mention The Review when you write.

AFTER A FIRE.

I have left after my recent fire five empty benches, two middle benches with soil and three sides without, and almost all of my stock was destroyed. What could I put in my houses to bring me in a little surplus money for spring? I do a local and wholesale trade.

S. N. C.

There is a variety of crops that you might use to occupy the benches, but it would not pay to purchase enough stock to entirely fill all the benches at once or you would have no space for overflow, as the plants grew and needed more room. If you have a good demand at Easter, then there is time yet to start hybrid perpetual roses; also, you can procure azaleas, rhododendrons, deutzias or Spiræa Japonica. A few plants or rooted cuttings of several bedding plants if gotten at once can be propagated to any extent by spring. Such plants as coleus, achyranthes, heliotrope, etc. Then there is that most popular plant, the canna; fine plants of these at bedding time are always in good demand. Sweet peas can be sown and could be picked at Easter and on and there is a great demand for these in the month of May. The quickest crop to yield you any returns might be a bench of lettuce, which would be cut and out of the way in time for you to spread your bedding plants. I don't suppose I have anywhere near exhausted the list that would be available for your use. Lastly I would suggest a few hundred Japan longifiorums for Memorial day. Brought along cool they are in good demand for that occasion.

W. S.

SPIRAEA FOR EASTER.

Will you kindly tell me what kind of spiræa to grow, also culture of same? There are many varieties and I am not familiar with them; in fact, I have had no experience in that line. I intend growing a few plants of the best variety.

M. T. G.

This question was received a long time ago, yet there is time to purchase the roots and grow them for Easter; plenty of time. Many growers stick to the old species, Spiræa Japonica, which we can very well remember being grown in an old-fashioned conservatory fifty-five years ago. If I make it any more distant than that you will think I fought under Washington. In those days it was not a commercial plant and the same roots were forced year after year, but that would never pay nowadays in these strenuous, high pressure times. The roots are exceedingly inexpensive. It is the amount of bench space they need and the relatively low price at which they sell that make them by no means the most profitable plant we grow. As to kinds, Spiræa Japonica is excellent, very graceful and feathery, and I would advise you to grow most of that. Spiræa Japonica compacta makes a more dense, compact spike but is not as graceful for cutting. Then there are two other forms, Gladstone and the Washington variety. These make longer and larger spikes of bloom. Try a few of each.

Like other early flowering plants that we force, the nearer we approach the natural flowering time, the less time it will take to force them into flower. Pot them by the first of February and the first three weeks they can be placed under a bench and removed to the light as soon as top growth starts. As they should receive a pot only large enough to hold the ball of roots, and as they are prodigious rooters, they require copious and frequent watering once the leaf growth is well developed. It is of the utmost advantage the last three weeks of their growth to put a 6-inch or 7-inch

WHITE LAWSON

Which we introduced last season has given great satisfaction, and has proved to be

THE FINEST WHITE CARNATION EVER SENT OUT

Remember that we are headquarters for it. The demand will undoubtedly exceed the supply this season, and in order to secure early delivery, no time should be lost in placing order. We are now booking orders for early January delivery. Orders will be filled strictly in rotation, as received, so the earlier orders are booked, the earlier deliveries can be made. We can supply

First-class strong rooted cuttings, $7.00 per 100; $60.00 per 1000.

Also all the other novelties of the season, **FIANCEE, CARDINAL, FRED BURKI, etc.**

Also the cream of the older sorts, **Mrs. M. A. Patten, Daheim, Enchantress, Flamingo, Mrs. Thos. W. Lawson, etc.**

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

saucer under each pot and keep it continually filled with weak liquid manure. Those so treated with saucers and those watered on the surface will show a marked difference. We have tried it.

Botanically, and generally in the trade, this pretty and very hardy herbaceous plant is now known as astilbe. W. S.

PHILADELPHIA.

The Market.

The tone of the market is improving this week. The supply, especially of carnations, is a trifle lighter. While there is not enough business to use all the flowers offered, the tendency toward lower prices appears to be creating more demand for the lower grades. The feature of the market this week is the increase in the so-called spring flowers, usually so popular during February: Daffodils, chiefly single, which are selling exceptionally well; tulips, sweet peas, pansies, daisies, freesias, which are unusually scarce so far this season. Mignonette and forget-me-nots are the latest acquisitions at S. S. Pennock's. Two staple flowers that might be properly classed in this section, violets and lilies of the valley, are experiencing a period of dullness.

Roses of good quality have been really scarce ever since New Year's. Even the poorer ones have not found their way to the street during the recent ten days of carnation slaughter. Long Beauties are more plentiful now, but the medium grades continue scarce, Liberty helping to fill their place. Good Bride and Bridesmaid are scarce. Cattleyas and gardenias are more plentiful and lower in price. There are plenty of cypripediums about. White lilacs are to be found at nearly all the commission houses. The quality is very fair and the demand increasing. Poinsettias are about over. Montresor, Yellow Prince and La Reine have succeeded Proserpine as the tulips of the day.

A Probable Settlement.

The meeting at Forty-ninth and Market streets last week was not called by the assignee, as erroneously stated in this column two weeks ago, but by the firm. Robert Craig addressed a meeting of about fifty of his firm's creditors and their representatives. He presented the case fully. The discussion that followed lasted for over an hour. Nearly all those who spoke favored the acceptance of the offer of 50 cents on the dollar. The assignee was not present, nor was he represented.

A very large majority of the creditors have accepted the fifty-cent offer. It was stated on the street that the offer was made possible by a prominent seedsman agreeing to furnish the money necessary on security, presumably of the real estate. Should the plan go through, as now seems probable, it is believed that enough will be saved to enable the firm to resume business by July 1. This will give great pleasure to the friends of Robert Craig. Their number is legion all over the country.

At the Bellevue-Stratford.

John P. Habermehl was busily engaged in his handsome new shop when Phil called. Mr. Habermehl very courteously made time to show his visitor the improved ice-box facilities. The beautiful show-case is chilled by frost-covered pipes operated by a cold storage plant. A pan arrangement permits cleaning the pipes without removing the flowers from or making any dirt in the case.

In the light and airy cellar underneath is another case in which the greens and flowers sold are kept. The hotel engineer regulates the pipes in both cases each day. Downstairs also is the workroom and storeroom, the shelves filled with paper, boxes, jars, etc. The space, though limited, is sufficient, except for very large orders, which are executed at the Messrs. Habermehl's store and greenhouses at Twenty-second and Diamond streets. Plants and rough material are admitted by a side door communicating with the back stairway. Three phones are kept constantly in use. Mr. Habermehl expressed himself as well pleased with the business done in his new store so far.

Various Notes.

The Leo Niessen Co.'s supply of long-stemmed American Beauties is very fine now. They are handling a great many nice yellow and white tulips and white lilacs. A heavy business in galax and hardy ferns has been developed. Their shipping orders cover the entire range of market staples and are very important factors of their large business.

A. E. Wohlert, of Bala, has sent some fronds of a new adiantum to Fred Ehret. This is a very pretty thing that bears something the same resemblance to Adiantum cuneatum that Asparagus Sprengeri does to Asparagus plumosus.

The Henry A. Dreer Co. is sending out hardy rhodendrons and azaleas for Easter forcing.

Steven Mortensen, of Southampton, is cutting a nice crop of choice Brides, Maids and Liberties. They go, as of yore, to S. S. Pennock. Mr. Pennock must have mentioned this at his home, or it got about somehow, for a party of the Lansdowne florists, James Verner, William Munro, W. A. Leonard and David Anderson, were seen journeying out to Southampton last week.

The Flower Market has established a reputation for lightning delivery and fine stock.

Edward Reid has been experiencing a lively demand for his choice Hudson River Marie Louise violets. Mr. Reid is both for and against Campbell, odd but true.

Berger Bros. are handling some nice mignonette and sweet peas.

Edward Seidewitz, of Annapolis, was in this city recently.

H. H. Battles has been wintering at Thornhedge. This is his first season in the country.

L. K. Peacock proposes abandoning carnations and violets after this season in order to devote himself exclusively to the dahlia.

The Floral Exchange is sending some nice Golden Gate to E. Bernheimer.

Wm. J. Moore is becoming a decided factor in the carnation market.

John G. Gardiner addressed the Pennsylvania Horticultural Society on the multiflora as a stock for grafting outdoor roses last Tuesday evening.

M. Rice & Co. are developing their ribbon business among florists exclusively. Their dotted chiffons in soft and pleasing colors are very effective for tying on baskets.

WILD SMILAX!

"PARLOR BRAND"

Best goods coming out of the south. A supply constantly on hand for shipment on telegraphic orders.

25 lb. case.....$3 00
35 lb. case..... 4 00
50 lb. case..... 5 00

"Green Goods" of all kinds, Mahonia, Leucothoe, Galax, Ferns.

Current Price List.

Subject to change without notice.

BEAUTIES—	Per doz.
30-36 inch stem	$4 00 to $5 00
24-inch stem	3 00
20-inch stem	2 50
15-inch stem	2 00
12-inch stem	1 50
Short stem	75 to 1 00

	Per 100
BRIDES	$4 00 to $12 00
BRIDESMAIDS	4 00 to 12 00
GOLDEN GATES	4 00 to 12 00
METEORS	$4 00 to $12 00
LIBERTIES	6 00 to 15 00
CARNATIONS, ordinary	1 50 to 2 00
" fancy	3 00 to 5 00
VIOLETS	75 to 1 00
CALLAS, doz., $1 50-$2 00	
PAPER WHITES	3 00 to 4 00
ROMANS	3 00 to 4 00
STEVIA	1 50
VALLEY	$2 00 to $4 00

	Per 100
HARRISII, $2 to $2 50 doz.	
TULIPS, WHITE	$ 4 00
ASPARAGUS, strings	50 00
" Sprengeri	$2 00 to 5 00
FERNS...per 1000, $2 00	25
GALAX, gr., 1000, 1 25	15
" br., " 1 50	20
ADIANTUM	1 00
SMILAX..per doz., $1 50	
LEUCOTHOE	75

WE HAVE A REPUTATION FOR FILLING ORDERS WHEN ALL OTHERS FAIL.

KENNICOTT BROS. CO.

Wholesale Commission Florists

40-42-44 Randolph Street, CHICAGO

L. D. Phone Central 466.

Mention The Review when you write.

Johnson & Stokes are calling attention to the probable shortage in several important vegetable seeds, recommending the placing of early orders.

The army of Holland bulb growers' salesmen has been hard at work since New Year's industriously canvassing this country.

H. Bayersdorfer & Co. propose making a specialty of twig baskets in all sizes for Easter. They are very pretty and will make excellent ground work for display effects.

Albert Woltemate and George Redles have been visiting among the members of the Germantown Horticultural Society. They propose interesting J. F. Mergenthaler in that active body.

The recent public utterances of David Rust, though somewhat guarded, like that at the Grecian oracle at Delphi, lead to the hope among the cut flower men that he may occasionally be seen at their camp, even at the holidays.

Answers to Correspondents.

REVIEW readers are invited to send any questions relating to culture or marketing of plants and flowers in Philadelphia to Phil, in care of any of the leading seed or commission houses or the Flower Market. Each question will be submitted to a competent person and answered under number. Correct name and address must always accompany inquiry, but will not be published.

24—I have been shipping carnations to a commission house until after Christmas. The returns were poor. I changed to another commission house, with worse results. Would I do better by dividing my stock and shipping half to one and half to the other?

It is not a good plan to divide shipments unless the place is a very large one. Changing around during the season is one of the evils of our business. When a commission man develops a trade for your stock it is only fair to stand by him until the end of the season. When returns are poor, go in town and look carefully over the field yourself before making a change. It will pay.

25—Who is the best general cultural writer of the day? William Scott, of Buffalo, who writes for the REVIEW.

27—Why is K styled the Thorley of Philadelphia? An old joke of Charles E. Meehan, who said in his explanation: "Whenever there is anything good, he wants it." PHIL.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

Patten & Co., Tewksbury, Mass., submit for registration the following carnations: Mikado, a variegated seedling of 1902, Gov. Roosevelt x Prosperity, style of growth similar to Gov. Roosevelt; color, white overlaid with crimson, size of bloom, three to three and one-half inches. Pink Patten, a sport from Mrs. M. A. Patten; color clear, dark pink. WM. J. STEWART, Sec'y.

BELVIDERE, ILL.—Fire during the absence of the owner did considerable damage at the Lucas Greenhouses January 5.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

VISITED CHICAGO: Chas. P. Braslan, San Jose, Cal.

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The Late J. M. Kimberlin.

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The accompanying portrait is from the most recent photograph of the late J. M. Kimberlin, the pioneer California seed grower and president of the corporation which bears his name, who died December 26 at his home at Santa Clara. A sketch of his life appeared in last week's REVIEW.

CATALOGUES RECEIVED.

John Lewis Childs, Floral Park, N. Y., seeds and plants; Wm. Toole, Baraboo, Wis., pansies, etc.; E. G. Hill Co., Richmond, Ind., roses, chrysanthemums and carnations; Johnson & Stokes, Philadelphia, seeds; R. Vincent, Jr., & Son, White Marsh, Md., vegetable, greenhouse and beddings plants; Leonard Seed Co., Chicago, seeds; R. & J. Farquhar & Co., Boston, seeds; Henry A. Dreer, Philadelphia, seeds and plants; T. R. Watson, Plymouth, Mass., nursery stock; Zion Horticulture Department, Zion City, Ill., seeds; Nanz & Neuner, Louisville, Ky., seeds and plants; W. Atlee Burpee & Co., Philadelphia, Fordhook folder; Simon Rodh, New York, ribbons; Forest Nursery and Seed Co., Irving College, Tenn., tree seeds, etc.

LEONARD SEED CO.

WRITE FOR PRICES WE ARE HEADQUARTERS FOR ONION SETS

Flower Seeds and Bulbs

WHOLESALE SEED GROWERS

Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now.

BEANS, PEAS AND GARDEN SEEDS. Write for Prices.

CHICAGO

Mention The Review when you write.



DIAMOND JOE SEEDS

We are the Largest Wholesale and Retail Seed Corn growers in the world. Ship in ear or shelled. We also do a general mail order seed trade in all the best varieties of Farm, Garden and Flower Seeds worth planting. In addition we handle the best grade of nursery stock to suit critical buyers. Our large illustrated seed and nursery catalog and farm guide free if you mention this paper. A postal card will bring it, write to-day. Address,

WESTERN SEED COMPANY Shenandoah, Iowa.

Mention The Review when you write.

HAVING BEEN AWARDED THE GRAND PRIZE

For My Exhibition of **GLADIOLI** At the World's Fair

It is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. Groff's Hybrids and other sorts the best obtainable.

Write for Catalogue. **ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.**

Thorburn's Bulbs

Now Ready, Fresh Seed of

ASPARAGUS PLUMOSUS NANUS,

75c per 100; $5.00 per 1000.

EXPECTED SOON

Asparagus Plumosus Robustus

$1.25 per 100; $9.00 per 1000.

LILY OF THE VALLEY PIPS

NOROTON BEAUTY POTATO

All who issue catalogues should not fail to include it. Descriptive circular on application.

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36 Cortlandt St. NEW YORK.

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D. RUSCONI

Importer of Bulbs, Plants and Shrubbery.

——Has a full line of——

Lil. Auratum, Rhododendrons,
Lil. Roseum, Azalea Mollis,
Lil. Rubrum, Roses, home grown and imp't'd.
Lil. Album, Spiraea and Amaryllis Johnsoni, mammoth bulbs. Write for Prices.

32 W. 6TH STREET, CINCINNATI, OHIO

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TRAVELING SALESMAN — One who is acquainted with private and commercial trade, and thoroughly conversant with seeds and bulbs. Correspondence confidential.

W. ELLIOTT & SONS — NEW YORK

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The Seed of the Two Varieties is ready for distribution now.

PRICE LIST

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For further information write

The Benthey-Coatsworth Co.
35 Randolph St., Chicago.

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RALPH M. WARD & CO.
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17 Battery Place, NEW YORK

Horseshoe Brand **Bulbs, Plants.**

Valley our Specialty Cold Storage Pips Always on Hand.

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Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.
TRY THEM.

Cushman Gladiolus Co.
SYLVANIA, OHIO.

Mention The Review when you write.

RAWSON'S
Arlington Tested
Seeds FOR THE FLORIST

Catalogues Mailed Free.

W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Square, BOSTON.

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NOW is the time to plant **Tuberous Begonias** for Easter Blooming.

We will mail for $1.00, 15 single mixed and 12 double mixed, or 15 single separate colors and 10 double separate colors. All in extra fine quality bulbs.

HUBERT & CO.,
N. Le PAGE. MT. VERNON, N. Y.

Mention The Review when you write.

BRUNS' Extra Fine BERLIN PIPS

for early forcing give satisfaction. This stock is unsurpassed.

$1.25 per 100; $12.00 per 1000.
$29.00 per case of 2500.

Finest Cut Valley always on hand at Chicago market prices.

H. N. BRUNS, 1409-1411 W. Madison St., CHICAGO.

Mention The Review when you write.

VREDENBURG & CO.

ROCHESTER N. Y.

Lithographing, Printing, Engraving, Binding Exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

☞ UNEQUALLED FACILITIES



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FREE This elegant book of 178 pages is mailed FREE to all who intend to try **Burpee's "Seeds that Grow."** To others the price is ten cents, which is less than cost per copy. If you have a garden a postal card will bring a copy by return mail. ☞ We have some remarkable novelties for 1905, which will delight all progressive planters. ☞ If desired you can remit with your application 25 cents for Eight Elegant New Sweet Peas, Five Finest New Nasturtiums, or Eight Brilliant Annual Flowers. ☞ More than half a million planters already have **Burpee's Catalogues for 1905.** You should have one; write TO-DAY!

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HIGH GRADE FORCING

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$12 00 per 1000. Per case (2000) $23.00
Special quotation on lots of 10,000 and over.

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High grade 3-year-old Berlin Cold Storage Pips, $12.00 per 1000; per case (2000) $23.00.

New Crop ASPARAGUS PLUMOSUS NANUS

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NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

THE Jonathan apple has occupied first place in all the markets this season and the variety will be largely planted in the west next spring.

PATRICK LEE, nurseryman, has begun action to abate the alleged nuisance of certain junk yards on the route taken by tourists going to Manitou, in Colorado.

L. L. MAY & Co., St. Paul, are introducing a new hardy apple of which they guarantee to replace every tree which dies before it produces a bushel of fruit.

THE building in which the office of the Peterson Nursery, Chicago, has been located since the big fire, is to be rebuilt next summer and the nursery office will shortly be removed to the Stock Exchange building.

THE fiftieth anniversary of the Western New York Horticultural Society will be celebrated at Rochester January 25 and 26. There will be a large exhibition and many nurserymen will be present. W. C. Barry is president of the society.

THE Georgia State Horticultural Society, of which P. J. Berckmans is president, has issued the proceedings of its twenty-eighth annual meeting in pamphlet form, 120 pages, containing formulæ for fighting insect pests and fungous diseases, also catalogue of the fruits grown in the state and much other matter of value to both nurseryman and fruit grower.

PROPAGATING KALMIA.

How and when can cuttings from the rhododendron or mountain laurel be successfully propagated, or will the attempt to propagate prove profitable?

M. J. S.

The mountain laurel, Kalmia latifolia, and its varieties are not easily propagated from cuttings. The best method and that usually practiced by nurserymen, is to gather and sow the seeds as soon as ripe in a cool greenhouse, either in pots or pans of light, peaty compost with plenty of sand added. Prick the seedlings off into other flats when large enough to handle and when sufficiently hardened plant outdoors. Grafting of special varieties on seedlings of Kalmia latifolia is sometimes done and layering is also practiced to some extent, but the general method is to raise them from seed.

W. N. C.

FRANK HAMILTON.

The accompanying portrait is that of Frank Hamilton who, as was recently announced on this page, has associated himself with the Cottage Gardens Co., Queens, N. Y., having direct charge of the nursery and landscape department. Mr. Hamilton began his horticultural career with the F. R. Pierson Co., Tarrytown, N. Y. After having been there for a while he went into business for himself, having a large establishment on Staten Island, growing plants and flowers for the New York market. After that he was with the Pierson Co. for several years as a traveling salesman, representing them among the trade in eastern states. He also has had an extended experience in their rose houses, and was for some time foreman of their Scarboro nursery, so that he has an all-round experience in the trade, followed by several years in the New York parks. At Central park he had a large experience in improving work done some years before, and as head gardener for the Department of the Bronx he had charge of all planting and construction work, having 800 men in his charge. He has many friends, and will be a strong addition to the corporation in which he has now acquired an interest.



Frank Hamilton.

COLORADO EVERGREEN SEED

Our seed is gathered at an altitude from 7,000 to 10,000 ft. and produces trees of extreme hardiness.

	Trade Pkt.
Abies Concolor	$ .25
Abies Douglasii	.25
Abies Grandis	.25
Picea Engelmanni	.25
Picea Pungens	.25
Pinus Aristata	.25
Pinus Ponderosa	.25
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The eight packets, postpaid, for $1.50. ☞ Our Picea Pungens are gathered from the very bluest trees in Colorado.

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Crimson Ramblers
2 years, $10.00 per 100.
Our own growing. On their own roots.
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Fruit Trees, Small Fruits, Ornamental Trees, Evergreens and Shrubs, Shade Trees, Hardy Roses, Hardy Plants, Climbers, etc. The most complete collections in this country.
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Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety
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An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.
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Extra long stem	per doz., $4.00 to $5.00	Bride	" 6.00 to 10.00
30-inch stem	" 3.00	Golden Gate	" 6.00 to 10.00
24-inch stem	" 2.50	Chatenay	" 6.00 to 10.00
20-inch stem	" 2.00	Liberty	" 6.00 to 12.00
15-inch stem	" 1.50	Meteor	" 6.00 to 10.00
12-inch stem	" 1.25	Carnations, good	" 2.00 to 3.00
8-inch stem	" .75	" fancy	" 4.00

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We can and will fill your Cut Flower wants to advantage.

Plenty of **BEAUTIES, MAIDS, BRIDES**, etc.
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ALL GRADES.

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Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

SITUATION WANTED—As working foreman, by good all-round florist, or will run an established business on shares; state wages or particulars in first letter; can furnish reference. Address Lock Box 5, Grandville, Mich.

WANTED—Working foreman for large commercial place where the best of everything in cut flowers is grown; only thoroughly competent man wanted; one who can handle a large number of men successfully with the best results. Mr. Gasser will be at the Chicago Carnation meeting, where he can be seen, or address The Gasser Company, Euclid Ave., Cleveland, O.

SITUATION WANTED—By a first-class florist, capable of taking charge of store; ten years' experience in the handling of a large wholesale and retail business; also an expert designer and decorator; would like position at once; can give best of references as to ability and character; east preferred. Address No. **115**, care Florists' Review, Chicago.

SITUATION WANTED—By a practical florist; German; single; middle aged; 15 years' experience; cut flowers, palms, ferns, bedding plants, forcing and earlier stock. Address No. **114**, care Florists' Review, Chicago.

WANTED—A foreman for our city greenhouses. We grow roses, mums, and a general stock for the retail trade. Address Salter Bros., Rochester, N. Y.

WANTED—Young man with some experience as decorator and maker-up. Address Ocean Park Floral Co., Ocean Park, Cal.

WANTED—To lease, a place of not less than 12 000 feet of glass; to grow cut flowers; same must be in good condition and not far from Chicago. Address No. **113**, care Florists' Review, Chicago.

SITUATION WANTED—Up-to-date florist; 32 years old; married; first-class decorator and designer; highest references as manager of first-class establishment; wishes good position to take charge of store; western states preferred. Address Wm Speth, 530 Grant St., Pottstown, Pa.

WANTED—A young man as florist's assistant; one used to horses and field cultivation; good home and chance to advance; wages $25 00 per month and board. Address with references I. Merwin Rayner, 81 Front St., Greenport, N. Y.

SITUATION WANTED—By young man as assistant florist; three years' experience; excellent references; state wages. Address A. H., Gen. Del., Massillon, Ohio.

WANTED—A good market gardener. Address Box 442, Rockville, Ind.

WANTED—A grower and propagator for the wholesale and retail catalogue trade; must be experienced in summer propagating of shrubs and roses Write, giving particulars, to Wagner Park Conservatories, Sidney, Ohio.

WANTED—One experienced florist and helper; single, with A1 reference. Gloede, Evanston, Ill near Emerson Street

SITUATION WANTED—By young man of 23; good experience in roses, carnations, mums, general line of plants and design work; Ohio or Indiana preferred. Address No. **116**, care Florists' Review, Chicago.

WANTED—A young man of good character who has had experience in propagation and general nursery work, and has some capital to invest; to take an active interest in an established nursery business, located within 100 miles of Chicago. Address No. **117**, care Florists' Review, Chicago.

FOR SALE—A small greenhouse and grounds at a health resort; business increasing and strictly retail; no competition. Winans & Foote, Eureka Springs, Ark.

WANTED—A situation by an all-round grower and designer, with a reliable firm; best of references. Address H. Schwarz, 355 North St., New Bedford, Mass.

SITUATION WANTED—By a practical all-round grower to manage a small place; middle-aged; single; state wages. Address Wm. Kirkham, 154 South Clark St., Chicago, Ill.

FOR SALE—To settle estate; Tripple greenhouses; fully stocked; up-to-date; retail trade extra fine; center of city of 35,000. Address H. C. Pickhardt, Meriden, Conn.

WANTED—A young florist to take charge of 4000 feet of glass; must be competent, sober and a worker; a single man preferred. For particulars write, giving references to J. W. Margrave & Co., Hiawatha, Kan.

WANTED—A good all around florist, elderly gentleman and single preferred; must be sober and understand how to grow a general line of plants. Address No. **107**, care Florists' Review, Chicago.

WANTED—A first-class rose and carnation grower; must be a first-class man and furnish references as to character and ability; good wages and permanent place. Address No. **111**, care Florists' Review, Chicago.

FOR SALE—One Kroeschell No 2 hot water boiler, and pipes from house 20x200. W. F. Dunteman, Bensenville, Ill.

SITUATION WANTED—By practical all-round florist; German; 14 years' experience; a steady situation with chance to rent; west or southwest preferred. Address No. **112**, care Florists' Review, Chicago.

WANTED—At once, experienced man; retail place of 7 000 feet of glass; wages $50.00 per month. Address with references F. B. Tinker, Peru, Indiana.

WANTED—Hot water boiler for soft coal, capacity to carry upward of 1600 feet of 4-in. pipe; must be in good shape and guaranteed serviceably sound. Reply with full description and make lowest price delivered. J. T. Cherry, Athens, Ill.

WANTED—A good florist to take half interest in a greenhouse plant of 4 000 feet of glass, with room to enlarge; good location, surrounded by four cities. Apply or address W. H. S., Box 8, Berlin, Conn.

WANTED—Two young men as assistants for greenhouse work; wages $10.00 per week; apply with references. Address J. A. Peterson, McHenry Ave., Cincinnati, Ohio.

WANTED—To buy for cash, a greenhouse plant in the middle states, from 4 000 to 10 000 feet of glass in good repair and doing good business with dwelling house and land. Address No. **109**, care Florists' Review, Chicago.

WANTED—I want to lease place of about 10,000 feet of glass in good condition for not less than seven (7) years, before 1st of May; must be good shipping point. Frank McGowan, Utica, N. Y.

FOR SALE—Ballard's greenhouse, $750, Perry, Iowa.

FOR SALE—Seven acres of land at Park Ridge, Ill.; fine soil and well adapted for greenhouse purposes. Terms easy. Address A. L. Randall, 19 Randolph St., Chicago.

FOR SALE—Some extra good second-hand 3-in. pipe, guaranteed sound, 6c per foot; also some 4-in.; and small and medium size boilers. W. H. Salter, Rochester, N. Y.

For Sale or Lease Rosemoor Greenhouses

seven in all, with 53 acres of good land in a college town and 40 miles from Cincinnati.

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FOR SALE OR LEASE.

About 7,000 square feet of glass, sash for coldframes, 1½ acres of ground with six-room house, good barn, spring house and other out buildings, located 4 miles from Pittsburg and 4 miles from Allegheny market; 30 minutes by trolley to either place; will sell glass and rent ground, or will sell the business entire, or will sell to a single man and remain on the place and give him board; the houses are stocked and going right along for spring trade; have a good lot of Dutch bulbs in cold frames, also hardy roses (potted up), pansies, daisies, hardy pinks, myosotis, sweet williams, etc. My reason for wishing to dispose of the property is that I am getting old and want to retire from active business. Address

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Mention The Review when you write.

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PITTSBURG CUT FLOWER CO. (Limited) 504 Liberty Ave. Pittsburg, Pa.
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CINCINNATI.

The Market.

While business is showing a considerable improvement over the last two weeks, yet it is not quite up to standard. The demand in all lines is weak, but prospects now point toward a slight improvement. The supply has been very heavy in all lines and as a rule the quality did not average up very well. The price consequently has been low. The best quality of goods sold out as a rule.

Beauty has been in pretty heavy supply, especially long ones. Other varieties of red roses did somewhat better. White roses were in best demand. Carnations came in by the thousands and sold in many cases at summer prices.

The present outlook is very much better. The supply has gone down considerably and prices are consequently advancing. The demand, too, is somewhat heavier.

Various Notes.

Owing to the very severe weather last Saturday but few members of the Florists' Society were on hand, so a meeting was not held. The next meeting will be the annual rose show on February 11. This usually brings forth a very good show and indications are that this year will be no exception.

The carnation show at Chicago is now the main subject of conversation and when the time comes there will be about ten in the party from here. Very few flowers will be sent from this city. It seems to be an off year for the growers here, but those that do go will be well worth seeing.

Julius Baer has leased two stores located not far from his present quarters, and, after fitting them up in first-class style, will move there.

C. J. OHMER.

TARRYTOWN, N. Y.

The Tarrytown Horticultural Society held its sixth annual dinner, and by far the best of its career, on January 11, seventy members and guests participating, some from Red Bank and New York and up the river. Splendid decorations, including the Tarrytown fern, added to the interest of the evening. Alex. J. Guttman was present with a grand vase of Victory, none of which measured less than three and one-half inches in diameter.

President Gibson presided and turned over the responsibilities of toast-master to the district attorney of the county, Hon. Geo. C. Andrews, who was "the right man in the right place." Major Bright, of "The Christian at Work," made a most eloquent address. Ex-senator McClellan gave a fine address on "What I Know About Horticulture," devoting most of it to his experiences in California. Dr. Ely told funny stories and advocated civic improvements. Secy. Neubrand, William Scott, David McFarlane, F. R. Pierson and all the active members of the society united in their endeavors to make the visitors at home and the evening a success. Many were obliged to catch the midnight train, while "the best was yet to come." Rumor says it was long into the wee sma' hours when the last good-nights were said.

J. AUSTIN SHAW.



Cattleyas, per dozen ..... $4.00 to $7.50
Cypripediums, per dozen ..... 1.50 to 2.00
Asst. Orchid Sprays, etc., per box 5.00 to 25.00

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Fancy Cut Flowers
A SPECIALTY.

If you want Choice Cut Flowers at any time or all the time, send to
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Western Headquarters for Choice
ORCHIDS, FANCY VALLEY, VIOLETS, BEAUTIES, TEA ROSES, CARNATIONS. Wild Smilax, Asparagus, Adiantum, Smilax, Fancy Ferns always in abundance. Also a complete line of all Florists' Supplies, Novelties and Wire Work.
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FERNS AND PALMS
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MUST BE BARGAINS
To sell over retail counters. We can handle large quantities of GOOD selling STOCK if PRICES are RIGHT.
ALPHA FLORAL CO.
KANSAS CITY, MO.
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SARATOGA SPRINGS, N. Y.—T. J. Totten has gone to St. Augustine, Fla., for a stay of six weeks.

COLUMBUS, O.—Graff Bros. are still doing business at the old stand although a little disfigured by the recent fire.

Philadelphia Cut Flower Co.

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Fancy Carnations, Valley, Mignonette, White Lilacs And Other... Seasonable Flowers

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LARGEST GROWER IN THE WORLD.....

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Extra select	$4.00
30-inch stems	3.00
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.25
12-inch stems	1.00
Short stems	$5.00 to $6.00 per 100.
	Per 100
LIBERTY	$4.00 to $15.00
CHATENAY	8.00 to 12 00
" seconds	4.00 to 6.00
MAIDS AND BRIDES	8.00 to 10.00
" " seconds.	4.00 to 6.00
PERLE	4.00 to 8.00
UNCLE JOHN	8.00 to 12.00
" " seconds	4.00 to 6.00
SUNRISE	4.00 to 10.00
CARNATIONS	2.00 to 4.00

All flowers are perfectly fresh and properly packed.

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56 Pine St., Wallace Bldg., Rooms 601-603 NEW YORK CITY

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Philadelphia, Jan. 18.

	Per doz.
Beauties, Specials	$7.50
" Extra	$5.00 to 6.00
" Medium	3.00 to 4.00
" Short	1.50 to 2.00
	Per 100
Bride and Bridesmaid, Fancy	10.00 to 15.00
" " Ordinary	4.00 to 6.00
Liberty, Fancy	25.00 to 35.00
" Select	12.00 to 15.00
" Ordinary	5.00 to 8.00
Golden Gate	4.00 to 12.00
Kaiserin	5.00 to 12.00
Sunrise	4.00 to 10.00
Carnations, Fancy	4.00 to 6.00
" Select	2.50 to 3.00
" Ordinary	1.50
Orchids, Cattleyas	50.00
" Dendrobium Formosum	40.00
" Cypripedium Insigne	12.50 to 15.00
Adiantum Cuneatum	1.00
" Croweanum	1.50
" Farleyense	10.00
Asparagus Plumosus, Strings	50.00
" Sprays, per bunch	.50
" Sprengeri, per bunch	.50 to .75
Callas	10.00 to 12.50
Daisies, White or Yellow	1.50 to 3.00
Lilium Harrisii	12.50 to 15.00
Mignonette, Fancy	4.00 to 5.00
" Ordinary	2.00
Paper Whites	2.00 to 3.00
Romans	1.50 to 3.00
Tulips	2.00 to 4.00
Daffodils	4.00 to 6.00
Lilac, White per bunch	1.00
Smilax	12.50 to 15.00
Sweet Peas	.50 to 1.00
" Select and White	1.50 to 2.00
Stevia	1.00
Gardenias	50.00
Valley, Fancy	4.00 to 5.00
" Ordinary	2.00 to 3.00
Violets, Double	.50 to 1.00
" Single	.50 to .75
" White	1.50 to 2.00
Freesia	3.00 to 4.00
Myosotis	2.00

JACKSONVILLE, FLA.—C. D. Mills is an original advertiser and is pushing his business rapidly to the front. He has a fine place and grows good stock. Last fall he sent out a uniquely illustrated folder on chrysanthemums and is still feeling the effect in increased business.

JOSEPH HEACOCK

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Very Fine **Marie Louise Violets** Are one of my specialties

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Established 1890.

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All Ferns, Fancy and Dagger

$1.50 Per 1000.

38-40 Miami Avenue, Detroit, Mich.

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Pandanus Veitchii and Boston Ferns

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Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
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SHIPPING ON COMMISSION.
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VALLEY, FARLEYENSE, CARNATIONS Shipped at New York Prices
ALFRED H. LANGJAHR,
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CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
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JAMES McMANUS, Telephone, 759 Madison Square. 50 W. 30th St., NEW YORK
Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND.
ORCHIDS A SPECIALTY.
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The Largest Commission House in America for Roses, Violets and all other varieties of Cut Flowers.
WHOLESALE COMMISSION
57 WEST 28TH ST., NEW YORK
'PHONE 2200 MADISON SQ., which ring, connects you with all our TELEPHONES.
MY LARGE SHIPPING TRADE ENABLES ME TO COMMAND THE HIGHEST PRICES.
Special arrangements this season for the extensive handling of American Beauties
Mention The Review when you write.

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Wholesale Commission Dealer in
CUT FLOWERS
38 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality American Beauties and all other varieties of Roses.
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55 and 57 W. 26th St., Cut Flower Exchange, NEW YORK
OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS.
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ESTABLISHED 1872.
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WANTED. A few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.
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Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.
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Wholesale Cut Flower Prices.

New York, Jan. 16.

		Per 100
Beauties,	Specials	$30.00 to $60.00
"	Extra	20.00 to 30.00
"	No. 1	10.00 to 15.00
"	Shorts	2.00 to 6.00
Brides and Maids,	Special	10.00 to 15.00
" "	Extra	6.00 to 8.00
" "	No. 1	4.00 to 6.00
" "	No. 2	1.00 to 3.00
Golden Gate		8.00 to 15.00
Liberty		8.00 to 25.00
Mme. Chatenay		8.00 to 10.00
Meteor		3.00 to 6.00
Orchids, Cattleyas		40.00 to 75.00
Cypripediums		6.00 to 12.00
Carnations,	Common	1.00 to 2.00
"	Selects	2.00 to 3.00
"	Fancies	3.00 to 4.00
"	Novelties	5.00 to 8.00
Adiantum Cuneatum		.50 to .75
Asparagus Plumosus,	Strings	15.00 to 50.00
Asparagus Sprengeri,	bunches	12.00 to 15.00
Lilies		10.00 to 12.00
Lily of the Valley		1.00 to 3.00
Smilax		6.00 to 12.00
Violets		.35 to .75
"	Specials	.75 to 1.00
Narcissi, Romans		1.00 to 2.00
Callas		8.00 to 12.00
Daisies		.35 to 1.00
Pansies	doz. bunches	.25 to .35
Tulips		1.00 to 2.00
Mignonette		2.00 to 10.00

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Wholesale Florists
AND CUT FLOWER EXCHANGE,
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Galax—Brilliant bronze or green, selected, $1 00 per 1000; $3.75 per 5000.

Leucothoe Sprays—Green or bronze, 90c per 100; $7.50 per 1000.

Sphagnum Moss—Large bale, $1 75; by freight, $2.00. **Green Sheet Moss**—Per bbl. sack, $2.50.

All Kinds of Florists' Supplies.

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$1.50 per 1000, best quality. Discount on larger orders.

BRILLIANT BRONZE and GREEN GALAX, $1.00 per 1000.

We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our Specialties are Dagger and Fancy Ferns. A-1 quality, $1 00 per 1000. Laurel Festooning, good and full, hand made, 5c and 6c per yard. Green and Sphagnum Moss, $1.00 per bbl. Sphagnum Moss, 50c a bag, 5 bags, $2.00. Ivy Leaves, $4.00 per 1000.

Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—all sizes, Folding Flower Boxes, Ribbon—all sizes and colors, Coral Letters, Block Letters, Wire Designs, Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

L. D. Tel. 2618 Main. **HENRY M. ROBINSON & CO., 8 and 11 Province St., BOSTON, Mass.**

Wholesale Cut Flower Prices.

Boston, Jan. 18.

	Per 100
Beauties, Specials	$35.00 to $50 00
" Extra	20.00 to 30.00
" Short Stems	4.00 to 8.00
Brides, Specials	8.00 to 10 00
" Seconds	2.00 to 4.00
Bridesmaids, Specials	8.00 to 12 00
" Seconds	2.00 to 4.00
Liberty	4.00 to 20 00
Chatenay	4.00 to 12.00
Cattleyas	30 00 to 50.00
Cypripediums	8.00 to 10.00
Carnations, Special	3.00 to 4.00
" Select	2.00 to 2.50
" Ordinary	1.00 to 1.50
Violets, single	.25 to .50
" double	.25 to .35
Lily of the Valley	3 00 to 4 00
Narcissi, Paper Whites	1.50 to 2.00
Mignonette	2.00 to 8.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays, bunch	.50
" Sprengeri, bunch	.25 to .50
Smilax	8.00 to 10.00
Adiantum	.75 to 1.00
Roman Hyacinths	1.00 to 1.50
Callas	8.00 to 10 00
Lilium Harrisii	8.00 to 10.00
Sweet Peas	1.00 to 1.50
Marguerites	1.00
Freesias	2.50 to 3.00
Yellow Daffodils	3 00 to 4.00
" Jonquils	1.00 to 1.50

WATERLOO, IA.—The Sherwood Co. make complaint that a peddler is claiming to represent them in the sale of a bulb which he calls the Philippine lily and which is worthless. It is reported from Cedar Falls that the same man has claimed to represent Jos. Bancroft & Son.

A. L. Fortunes,

Wholesale and Retail Dealer in

Dagger Ferns AND Galax Leaves

Bronze or Green Galax, 75c per 1000; $6.50 per case.

Dagger Ferns, $1.00 per 1000, full count.

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Tel. No. 1214 Madison Square

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Green and Bronze Galax Leaves.

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Florists' Evergreens, Holly, Galax, Princess Pine, Fancy and Dagger Ferns

Perfect shipping facilities for out of town orders.

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Greenhouses at Hinsdale, Ill.
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Vaughan & Sperry
WHOLESALE FLORISTS
58-60 Wabash Ave., CHICAGO
Write for Special Prices
Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Jan. 18.

		Per doz.
Beauties, Long stems	$4.00 to	$ 5.00
" 30-inch "		3.00
" 24-inch "		2.50
" 20-inch "		2.00
" 15-inch "		1.50
" 12-inch "		1.00
Shorts		.75
		Per 100
Bridesmaids, Specials	$10.00 to	$12.00
" Firsts	4.00 to	8.00
Brides, Specials	10.00 to	12.00
" Firsts	4.00 to	8.00
Liberty, Specials	12.00 to	15.00
" Firsts	4.00 to	10.00
Golden Gate, Firsts	10.00 to	12.00
" Seconds	4.00 to	8.00
Meteor, Firsts	10.00 to	12.00
" Seconds	4.00 to	8.00
Ivory, Firsts	10.00 to	12.00
" Seconds	4.00 to	8.00
Perles, Firsts	8.00 to	10.00
" Seconds	4.00 to	6.00
Chatenay	4.00 to	12.00
Carnations, Select	1.50 to	2.00
" Fancy	3.00 to	5.00
Violets	.50 to	1.00
Callas	12.50 to	15.00
Harrisii	12.50 to	20.00
Tulips		4.00
Paper Whites and Romans	3.00 to	4.00
Stevia, per bunch,	.25 to	.50
Asparagus, Strings	35.00 to	50.00
" Sprays, per bunch,	.25 to	.35
Sprengeri, "	.25 to	.35
Ferns, per 1,000, $2.00		.25
Adiantum Cuneatum	.75 to	1.00
Smilax, per doz.		1.50

Cleveland, Jan. 18.

		Per Doz.
Beauties, Specials		$6.00
" Extra		4.00
" No. 1		3.00
" Shorts	$1.00 to	2.50
		Per 100
Bride and Bridesmaid	$4.00 to	$10.00
Meteors	4.00 to	10.00
Carnations	2.00 to	6.00
Adiantum Cuneatum		1.00
Asparagus Plumosus, Strings	25.00 to	50.00
" " Sprays	1.00 to	3.00
" Sprengeri "	2.00 to	4.00
Violets	.50 to	1.50
Smilax	12.50 to	15.00
Paper Whites	3.00 to	4.00
Valley	3.00 to	4.00
Tulips, white	3.00 to	4.00
Sweet Peas	1.00 to	1.50

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Wholesale Florist
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Write for special quotations on large orders.
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THE "OLD RELIABLE" FOR
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Beauties, Roses, Carnations, Lilies and Cut Flowers Of All Kinds
Michigan Violets
A SPECIALTY.
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The Place to Sell Your Stock
SEE PERCY JONES, Manager.

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Flower Growers' Market,
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STANDING ORDERS SOLICITED.

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With the Flower Growers' Co. Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.

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Roses and Carnations A Specialty.....
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Very Choice American Beauties.
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All telegragh and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
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Wholesale Cut Flower Prices.

Cincinnati, Jan. 18.

	Per 100
Beauties, Extra	$35.00 to $50.00
" No. 1	15.00 to 25.00
" Shorts	8.00 to 12.50
Brides and Maids, Extra	8.00
" " No. 1	6.00
" " No. 2	3.00
Golden Gate	3.00 to 8.00
Kaiserin	3.00 to 8.00
Liberty	3.00 to 12.00
Meteor	3.00 to 8.00
Perle and Sunrise	3.00 to 6.00
Carnations, Common	1.50
" Selects	2.00 to 3.00
" Fancies	4.00 to 6.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Lilium Longiflorum	12.50 to 18.00
Smilax	10.00 to 15.00
Lily of the Valley	3.00 to 5.00
Violets	.50 to 2.00
Narcissi, Romans	3.00 to 4.00
Callas	3.00 to 12.50

Pittsburg, Jan. 18.

	Per 100
Beauties, Specials	$40.00 to $50.00
" Extra	20.00 to 35.00
" No. 1	10.00 to 15.00
" Shorts	6.00 to 10.00
Brides and Maids	4.00 to 18.00
Cusin	4.00 to 6.00
Kaiserin	4.00 to 6.00
Liberty	4.00 to 25.00
Mme. Chatenay	4.00 to 12.00
Carnations	1.00 to 5.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Lily of the Valley	4.00 to 5.00
Violets	.30 to 2.00
Smilax	12.50 to 15.00
Lilies	15.00 to 20.00
Paper Whites and Romans	3.00 to 4.00
Tulips	3.00 to 5.00
Freesia	3.00 to 4.00
Sweet Peas	.30 to 1.00

HEADQUARTERS FOR
"SUPERIOR QUALITY"
BRAND
Wild Smilax
Always on Hand and in any Quantity
NONE BETTER.
E. F. WINTERSON CO.,
45-47-49 Wabash Avenue,
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FLORISTS' EXCHANGE
Wholesale Florists and Florists' Supplies.
228 Diamond St., PITTSBURG, PA.
Shipping Given Special Attention.
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C. E. CRITCHELL,
Wholesale Commission Florist.
All varieties of Cut Flowers in season at right prices and of the best quality.
CONSIGNMENTS SOLICITED.
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Are my specialties.
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Long Distance Phones { M-980. West 1191-R.

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Wholesale Commission Florist,
Phones, Main 3062, Main 2486-L.
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Receiver and Shipper of Cut Flowers.
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WHOLESALE FLORIST,
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Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
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Wholesale Cut Flowers
Florists' Supplies
C. C. Pollworth Co.
MILWAUKEE, WIS.
Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Jan. 18.

	Per doz.
Beauties, Specials	$3.00 to $5.00
" Extra	2.00 to 3.00
" No. 1	1.00 to 1.50
" Shorts	.60 to .75
	Per 100
Brides and Maids, Specials	$5.00 to $8.00
" " Extra	3.00 to 4.00
" " No. 1	1.00 to 2.00
Carnot	5.00 to 8.00
Golden Gate	4.00 to 6.00
Kaiserin	5.00 to 6.00
Liberty	5.00 to 8.00
Meteor	5.00 to 6.00
Carnations, Common	1.00 to 1.50
" Select	2.00 to 3.00
" Fancies	4.00 to 5.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 1.50
" Sprengeri "	1.00 to 1.50
Lily of the Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Violets, single	.50 to .75
" double	1.00 to 1.50
Paper Whites	2.00 to 3.00
Romans	2.00 to 3.00
Callas	10.00 to 12.50
Harrisii	10.00 to 12.50

Buffalo, Jan. 18.

	Per 100
Beauties, Specials	$50.00 to $60.00
" Extra	25.00 to 40.00
" Shorts	6.00 to 15.00
Brides and Maids, Extra	10.00 to 12.00
" " No. 1	6.00 to 8.00
" " No. 2	2.00 to 5.00
Golden Gate	2.00 to 8.00
Kaiserin	3.00 to 10.00
Liberty	4.00 to 15.00
Meteor	3.00 to 8.00
Mrs. Morgan	2.00 to 4.00
Perle	3.00 to 8.00
Sunrise	2.00 to 6.00
Carnations	1.00 to 4.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	10.00 to 12.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Lilium Harrisii	15.00
Lily of the Valley	3.00 to 5.00
Smilax	15.00
Galax	.10 to .15
Common Ferns	.15 to .20
Violets	.50 to 1.25

DAVENPORT, IA.—J. M. Jansen, representing C. Keur & Sons, Hillegom, Holland, reached New York January 4 and came direct to Davenport to begin his tour of the western part of the country, lasting until late March.

PETER WEILAND,
Wholesale Grower of
Cut Flowers
Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.
128 East 3rd St., CINCINNATI, OHIO.
All stock sold at the PREVAILING MARKET PRICE.
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FRANK M. ELLIS
Wholesale Florist
Finest Stock of Everything in the market.
Extra fine California Violets
Novelties and Supplies of all Kinds.
1316 Pine Street
St. Louis
Long Distance Telephone MAIN 2018-M
Mention The Review when you write.

BUFFALO.

The Market.

I am sorry to say that nearly all parties pronounce business as very quiet. A few days after New Year's the bottom seemed to drop out of festivities, and little social gatherings and dinner parties demanding but a few dozen roses or carnations is what we have to depend on. Carnations are plentiful, violets more than abundant, but good roses not at all overdone. Tulips are just arriving and welcomed as a change. The weather has been against business and that seems general. Every variety is served up once a week. You need skates for the sidewalk on Monday, snow shoes on Tuesday, waterproof rubbers on Wednesday, Eskimo apparel for Thursday, umbrellas on Friday, a mixture of the foregoing on Saturday and such a howling blizzard on Sunday that you can't possibly attend divine service, so you make your wife attend just to keep up appearances.

Various Notes.

We had a well attended meeting of the club last Friday and the final details of the Sweeney flower show were completed. The company gives the Florists' Club $1,100 in premiums. It will be held four days, commencing Tuesday, April 11. The classes are almost entirely devoted to such plants as we offer for Easter and there is a chance for everybody. Surely this ought to bring out a large display. Every local grower as well as store man should be represented. Charlie Keitsch is manager, so all looks fair.

We had the pleasure of talking over the phone yesterday with E. G. Hill. Wonder what he thought of our delightful climate? We would have much liked to see the good man and his Richmond rose. Mr. Clucas, Jr., was also in town and that excellent commercial traveler (drummer is too vulgar a word in this case) Harry Bunyard; "God bless me, oh, yes indeed!"

I forgot to mention that at our club meeting Dan'l B. Long was appointed a committee of one to solicit subscriptions to the McKinley memorial fund and he has promised to go at the work promptly and with his usual energy. Mr. Altick will think Buffalo has been very negligent over his worthy object, but in truth the one expected to take up the work has had all the vim and energy taken out of him for the past three months. W. S.

EASTER LILIES.

I have a lot of Easter lilies in 6-inch pots, from five to seven inches high, very thrifty looking. They have been kept in 60 to 65 degrees night temperature, bottom of pots full of roots. I want to have them in bloom by or a little before Easter. Shall I shift into 7-inch pots and keep at the same temperature, or shall I increase the temperature and shall I use liquid manure? Is bone meal any advantage mixed with soil? H. M. M.

Considering the late date of Easter you have your lilies too far advanced. It is not a good plan to reduce the temperature on these lilies, as they will often become stunted. The only time I like to remove them to a much lower temperature is after the buds are turning white. They will open then in a very cool house. However, in your case, don't let the night temperature exceed 55 to 58 degrees or they will assuredly be too early. Don't shift any more. A 6-inch pot is plenty large enough. Weak liquid manure once a week will help later on and a half-inch mulching of good loam with some bone meal added will help. Don't apply that until March 1. W. S.

RIBBONS

Gauze, Taffeta, Satin-Taffeta

Let us send you samples.
They're yours for a postal.
Write us NOW!

The PINE TREE SILK MILLS' RIBBONS are a Beautiful Addition to Flower Decorations.

Beautiful Lustre
High Quality
Low Priced

The Pine Tree Silk Mills Company
Philadelphia
OFFICE AND SALESROOMS:
806-808-810 Arch Street, 52 and 54 N. Eighth Street.

Mention The Review when you write.

SPECIAL—SALE—SPECIAL

We must have room and money, therefore offer the following for a limited time at cut prices. Stock is fine. Try a sample order.

	Per doz.	Per 100
2½-in. Boston Ferns		$3 50
3 " " "	$1.00	7.00
4 " " "	1.75	12 00
5 " " "	2.40	
6 " " "	4.80	
7 " " "	7.00	
2 " Asparagus Plumosus Nanus		3.00
3 " " " "	1.00	7.00
2 " " Sprengeri		2.00
2½ " Rex Begonias, Louis Closson		3.50
6 " Latania Borbonica Palms	each	.60
4 " Kentia Belmoreana "	"	.35

5-in. Rubber Plants	each $0.50
	Per 100
Rooted Cuttings Double Petunias very fine varieties	$1.50
Rooted Cuttings, Salvias	1.50
" " Vinca Variegated	1.50
Caladium Esculentum bulbs, extra fine, 10 to 12-inch	8.00
Wire Baskets, well made, 8-in., 10-in., 12-in. at $1.00 $1.50 and $2.00 per dozen.	
Sheep Manure, per 100 lbs. $1.00.	
Sphagnum Moss, per bale $1 00, write for prices on larger quantities.	

We can also supply you with the best the market affords in Rubber Hose, Cut Flower Boxes, etc. **Give us a Trial Order.**
Terms cash or satisfactory references. 5 per cent discount for cash with order.

D. U. AUGSPURGER & SONS, P. O. BOX 778 PEORIA, ILL.

Mention The Review when you write.

Fancy or Dagger Ferns



$1.25 per 1000. Galax, brilliant bronze or green, 75c per 1000; $6.50 per case, 10,000. Laurel festooning, hand made, full sizes, 4c. 5c and 6c per yard made fresh daily from the woods. **Send us your orders at once** and we will please you. Branch Laurel, 35c per large bundle. Southern wild Smilax, 50 lb. cases, $5.50 per case. Laurel wreaths and Princess pine wreaths made all sizes and prices. Princess pine by the pound and made into roping. Tell us your wants and we will name you prices.

CROWL FERN CO., - - - MILLINGTON, MASS.

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ATTENTION !!! FLORISTS

For Wax Flowers, Baskets, Wax Floral Designs, Wheat Sheaves, etc., send to

J. STERN & CO.
1928 GERMANTOWN AVENUE,
Send for our beautiful catalogue. Philadelphia.

Mention The Review when you write.

..VIOLETS..

Write for the lowest price on Violets. We took 1st premium at the World's Fair, Chicago and Joliet Flower Shows. We can give the right price as we are growers.

ELI CROSS, Grand Rapids, Mich.

Mention The Review when you write.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ORDERS FOR....

CHICAGO

WILL BE FILLED BY

P. J. HAUSWIRTH,
227 Michigan Ave.
Auditorium Annex. Telephone Harrison 585.

LEIKENS, 7 E. 33d St., New York City.
Near Waldorf-Astoria. Phone No. 1417 Madison.
NURSERIES, RUTHERFORD, N.J.

☞Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

Mention The Review when you write.

A. GUDE & BRO.

1224 F Street, Northwest,
Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE, CLEVELAND, OHIO.

HAVE YOUR
RETAIL ORDERS
FILLED BY THE
GEO. WITTBOLD CO.
1657-59 Buckingham Place. CHICAGO.

Julius Baer,

116 E. Fourth Street.
Long Distance Phone 2478.
Cincinnati, Ohio

PORTLAND, OREGON
CLARKE BROS., 289 Morrison St.

Orders for MINNESOTA or the Northwest will be properly executed by
AUG. S. SWANSON
ST. PAUL, MINN.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,
2319 AVENUE M. Galveston, Tex.

Always mention the Florists' Review when writing advertisers.

FRED C. WEBER, FLORIST,

4326-28 Olive Street, St. Louis, Mo.
Established 1873.
Long Distance Phone Lindell 196 M.

MILLS THE FLORIST

36 W. Forsyth Street,
Jacksonville, Florida

Orders for **Chicago and Vicinity**
WILL BE FILLED BY
A. LANGE,
Telephone Central 2522. 51 Monroe St., CHICAGO.

HUGH GRAHAM,
PHILADELPHIA,
104 S. Thirteenth St.
All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,
Cor. MIAMI and GRATIOT AVES.
DETROIT, MICH.

Palmer's
BUFFALO, New York.

U. J. VIRGIN,
838 Canal Street, NEW ORLEANS, LA.

PRATT & GIGER,
FLORISTS AND DECORATORS
NEW LONDON, CONN.

J. J. BENEKE,
1216 Olive Street ST. LOUIS, MO.

WE SELL
BRONZE AND GREEN GALAX

Small 45c; medium 50c; large 55c per 1000. Terms, cash or satisfactory references. State how to ship; by freight or express.

J. E. HYLTON & CO., Ballard, Va.

Alexander McConnell

546 Fifth Avenue
Cor. 45th St., N. W.
NEW YORK, CITY.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention . . . . . .

Telephone Calls: 340 and 341 38th Street.
Cable Address: ALEXCONNELL.
WESTERN UNION CODE.

David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,
New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

WILLIAM L. ROCK FLOWER CO.

KANSAS CITY, MO.

C. C. Pollworth Co.

WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in
WISCONSIN

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

Houghton & Clark

434 Boylston Street,
Boston, Mass.

WASHINGTON, D. C.
Orders Executed Artistically.
Blackistone,
Long Distance Phone 2180. COR. 14th and H STS.

S. B. Stewart,

119 No. 16th Street, OMAHA, NEB.

Always Mention the....
Florists' Review
When Writing Advertisers.

TOO LITTLE HEAT.

I have a house 15x108, eight feet to ridge, new and tight, no glass on sides and in only one end. The piping consists of one 4-inch flow on the plates, crossing the house and supplying three 3-inch returns under the benches. These empty into a 3½-inch pipe to the boiler. The flow starts eighteen inches above the boiler and has a rise of twenty inches. There is an expansion tank six feet above the boiler and a vent pipe at the highest point, farthest from the boiler. The boiler consists of four sections, fifty-six inches high, twenty-eight inches wide and twenty-six inches deep. The grate is 18x18 inches. The chimney is twelve inches in diameter and twenty feet high. The circulation is good, the draught strong, but the pipes do not get hot. The heater is said to have a capacity for 700 feet of radiation. What is the trouble? G. O. K.

I see no criticism of the system of piping used. The one point which is not clear is the amount of heating surface in the boiler. The grate surface is sufficient to provide heat for ninety feet of heating surface with hard coal. The boiler, to supply 700 feet of radiation, should have at least ninety feet of heating surface, and even more if it is a cast-iron boiler. If soft coal is used it should have about 180 feet of heating surface for the grate area, which would make the boiler capable of carrying about 1,400 feet of radiation. The kind of fuel used and the make of the boiler are not stated, so it is only possible to guess at the fault, which is probably too small an amount of heating surface in the boiler. The pipe in the house as at present arranged, gives about 400 feet of radiation, which with a good boiler should be sufficient for carnations and cool stuff generally.

L. C. C.

WAYNESBORO, PA.—The firm of Buterbaugh & Sprenkle has been dissolved, the senior partner, A. C. Buterbaugh, taking sole possession January 10.

PANSY PLANTS

	Per 100.
Large Flowering, $2.50 per 1000	$0.60
300 Pelargoniums, mixed, 2-inch pots	2.50
Asparagus Plumosus Nanus, small plant	1.75
10 Varieties Geraniums, 2 and 2½-inch pots	2.50
Alternantheras, red and yellow, March 1	2.00
Asp. Plumosus Nanus Seed, Feb. $5 00 per 1000	.75
10 Varieties Coleus, 2-inch pots, March 1	2.00

—— CASH ——

JOS. H. CUNNINGHAM, Delaware, O.

Mention The Review when you write.

Asparagus Plumosus Nanus Seeds

Our own growing, just ripening on selected plants, 100 seeds, 50c; 500 seeds, $2; 1000 seeds, $4.

B. H. Haverland, Pleasant Run, Ohio

Mention The Review when you write.

Asparagus Plumosus Nanus

fine plants, 3-in., $3.00 per 100; 4-in., $7.00 per 100.

Carnations, unrooted cuttings. Enchantress, $1.50 per 100; Lawson, 75c per 100; Crane, America and F. Hill, 50c per 100.

SAMUEL WHITTON, 15-17 Gray Ave. UTICA, N.Y.

XXX SEEDS

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.

Cineraria. Finest large flowering dwarf, 1000 seeds, 50c.

Phlox Pumila Compacta. Very dwarf and compact; grand for pots; in finest colors, mixed. Trade pkt., 25c.

Alyssum Compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots. Trade pkt., 25c.

Chinese Primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.

Pansy, Finest Giants. The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt, 50c.

Petunia. New star, from the finest marked flowers, extra choice. Trade pkt., 25c.

Cash. Liberal extra count of seeds in all packets.

SHAMROCK

...IRISH...

Strong and fine plants. Better order early. $4.00 per 100; or 60c. per doz., by mail.

JOHN F. RUPP, Shiremanstown, Pa.

THE HOME OF PRIMROSES.

Mention The Review when you write.

Rooted Cuttings

	100	1000
Alternantheras, red and yellow		$5.00
" brilliantissima	$4.00	
Ageratum, Stella Gurney	.60	
Heliotropes	.60	
Coleus, 5 best varieties	.60	5.00
Santolinas	.60	5.00
Echeveria Secunda Glauca, first size	5.00	
" " " second size	8.00	
	Each	
Latania Borbonica, 5-inch	25 cents	
" " 6-inch	45 cents	
" " 7-inch	75 cents	
Kentia Belmoreana, 4-inch	25 cents	
" " made-up, 7-inch	$1.50 each	
Boston Ferns, 4-inch	12 cents	
" " 5-inch	20 cents	
" " 6 inch	35 cents	

All grown in full light.

Asparagus Plumosus, 4-inch ..... 15 cents

Or will exchange for rooted cuttings of Boston Market or White Lawson Carnation.

Jacob Russler, 114th St. and Avon Ave. MORGAN PARK, ILL.

Mention The Review when you write.

ROOTED CUTTINGS

Roses—Bride, Chatenay, Gate, Perle and Ivory, $2.00 per 100; Uncle John, $5.00 per 100.

Carnations—Mrs. M. A. Patten, $5.00 per 100; D. Whitney, Enchantress, 4c; White Cloud, Joost, Morning Glory Gov. Wolcott, Q. Louise, $1.50 per 100. **Special price on large lots.**

J. F. AMMANN, Edwardsville, Ill.

Mention The Review when you write.

READY NOW—ROOTED CUTTINGS

That will Give Satisfaction

Per 1000		Per 1000
Lawson $12.50	White Cloud	$10.00
Prosperity 12.50	Joost	10.00
Flora Hill 10.00	Marquis	10.00
Queen Louise 10.00	Quality is our hobby.	

W. C. HILL FLORAL CO., Streator, Ill.

CANNAS Strong Eyes	Per 100	Per 1000
2,500 Chas. Henderson	$2.00	$18.00
1,000 F. Vaughan	2.00	18 00
1,000 Mme. Crozy	2.00	18.00
2,000 Austria	1.50	14.00

CARNATIONS 300 Flamingo, 300 Lady Bountiful, 500 Indianapolis, at $5.00 per 100, or will exchange for Nelson Fisher.

FURROW BROS., Guthrie, Oklahoma

ORCHIDS

CATTLEYA MENDELLI Just arrived in fine condition, a shipment of this scarce and beautiful Orchid. Also Laelia Anceps, Oncidium Tigrinum, etc. Write for special list No. 14.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

PACIFIC COAST.

SAN FRANCISCO.

The Market.

There is quite a dearth of flowers just at present. The only thing that saves the stores from a general look of emptiness is that there is only a very limited demand for the small amount of stock the retailers have to offer. Business, outside of an occasional funeral order, is very dull. Social happenings of any importance are not numerous this month. We are beginning to have a considerable supply of bulbous stock to select from, and mums are daily becoming scarcer and of poorer quality. Carnations and roses are about equal to the demand. The prices have not changed for several weeks, and I do not think they will for another month yet. I saw some fine Enchantress and Prosperity today from the greenhouses of P. C. Meyer & Co., at Burlingame, that cost the retailers 75 cents per dozen, but they were extra stock and the majority of growers do not receive over 50 cents per dozen for these varieties. Freesias, daffodils, tulips, Roman hyacinths and narcissi are plentiful and of very slow sale. Violets are about equal to the demand and cost the dealers from 75 cents to $1 per dozen bunches.

Various Notes.

The building formerly occupied by Geo. B. Jones, on Sutter street, near Grant avenue, has been torn down and Mr. Jones has retired from business. He is one of the pioneers in the trade in San Francisco and has been very successful during his entire career of over twenty-five years.

Fred. Seulberger has been appointed horticultural inspector for Alameda county, vice P. J. Keller, who has been retired by the board of supervisors.

We regret to chronicle the death of Louis Becanne, son of John Becanne, the Alameda florist. Mr. Becanne was 24 years of age and had been in delicate health for some time.

A. Galloway, of Fruitvale, is cutting some fine white carnations from a sport he has raised from the pink, Marquis. It bids fair to be a valuable acquisition, and Mr. Galloway is giving it a thorough test.

Six local firms will make exhibits of seeds and nursery stock at the Lewis and Clark Exposition at Portland this year.

Over in Oakland the Board of Trade has been exhibiting during the past week several branches of Royal Ann cherries that have just ripened on the grounds of O. Luning, near Alden. How is that for California climate?

J. Firgens, of the firm of Firgens & Schmitz, Stockton, is in town on a short visit. G.

EASTERN CARNATIONS.

"I am tired of paying so much for my experience," remarked one of our largest carnation growers to me this week, when asked whether he was going to plant for the coming season any of the new eastern varieties of pinks that are being offered for the first time to the wholesale dealers. "I have lost considerable money during the past five years in trying to keep up with the new sorts,

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

ROOTED CARNATION CUTTINGS

Big Stock.

ORANGE TREES

Write for Price List.

The Philippi Nurseries, Rocklin, Cal.

Philippi Bros., Props.

Dahlias Field Roots, Clifford W. Burton yellow, Storm King, pure white, A. D. Livoni, pink } $5.00 per 100

Maid of Kent, red tipped, white, mixed..... $4.00 per 100

The Brighton Seed & Floral Co.

215 Occidental Ave., SEATTLE, WASHINGTON.

Mention The Review when you write.

FREESIAS

Grand Duchess Oxalis, Bermuda Buttercups, and other flowering bulbs. Write for catalogue.

REES & COMPERE,

R. F. D. 1, LONG BEACH, CAL.

Mention The Review when you write.

CALIFORNIA CARNATION CO.

LOOMIS, CAL.

Mention The Review when you write.

give the retailers something different each season and grow kinds that every forcer of carnations was not sending in to the stores. I am in the future only going to fill my houses with such kinds as have been tested by other growers around San Francisco and are known to produce paying crops of marketable flowers under our conditions. In other words, I am going to let some other fellow experiment for a while, and I am going to profit by his experience.''

He pointed to a house 30x170 feet, as he spoke, that was planted to six pink and red varieties of last year's introduction, containing about 4,000 plants, and continued:

''I spent about $500 for the stock that is planted in this house, and up to date I have not been able to get back the first cost of the stock. Many varieties that are successes in the east do not come up to the mark under our conditions. I purchased one variety on the description of the introducer and, although the plants are rank growers, the flowers are not seen very often, and I shall throw it out. The public seemed to be tiring of Mrs. Lawson, and I sent for 1,000 of another sort that was said to be good in every way, but I have only been able to get a few dozen blooms that were not so badly burst as to be unsalable. From another firm I purchased 1,000 young plants of a new scarlet, but they developed such a fondness for stem-rot, which I had never had in my houses before, that I threw them all out. I am going to confine myself to the older varieties in future. Of course I have the fun of satisfying myself as to the merits of the various kinds but, as I am out of pocket considerably, even if we do now and then find a gem, after the fashion of the man from Missouri, 'You will have to show me.'' G.

Rooted Carnation Cuttings

..NOW READY..

These low prices good only up to December 25.

WHITE:	Per 100	Per 1000
Queen Louise	$1.00	$10.00
Flora Hill	1.00	10.00
Alba	1.40	12.50
Gov. Wolcott	1.00	10.00
Norway	1.00	10.00
Lillian Pond	1.40	12.50
Chicot	1.20	10.00
PINK:		
Mrs. Thos. Lawson	1.40	12.50
Enchantress	3.50	30.00
Mrs. Joost	1.00	10.00
Success	1.00	10.00
Mermaid	1.00	10.00
Cressbrook	1.00	10.00
Pres. McKinley	1.40	12.50
Mrs. Theo. Roosevelt	1.40	12.50
SCARLET:		
G. H. Crane	$1.00	$10.00
America	1.00	10.00

SCARLET:	Per 100	Per 1000
P. Palmer	$1.00	$10.00
Estelle	1.40	12.50
J. H. Manley	1.50	15.00
Apollo	1.50	15.00
CRIMSON:		
Harlowarden	1.40	12.50
Gov. Roosevelt	1.20	10.00
YELLOW:		
Golden Beauty	1.40	12.50
Eldorado	1.00	10.00
VARIEGATED:		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Stella	1.40	12.50
Armazindy	1.00	10.00
Viola Allen	1.20	11.00
Gaiety	1.20	11.00

Special prices on large lots. Unrooted pips at half price of above. 25 at 100 rate. 250 at 1000 rate. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

Loomis Floral Company, LOOMIS, CAL.

Mention The Review when you write.

200,000 ROOTED

Carnation Cuttings

NOW READY.

WHITE	Per 100	Per 1000
Queen Louise	$1.00	$10.00
Flora Hill	1.00	10.00
Gov. Wolcott	1.00	10.00
Alba	2.00	15.00
White Cloud	1.00	10.00
PINK		
Lawson	1.20	12.50
Marquis	1.00	10.00
Enchantress	3.50	30.00
Mrs. Joost	1.00	10.00
McKinley	1.40	12.50
Mermaid	1.00	10.00
Cressbrook	1.00	10.00

SCARLET	Per 100	Per 1000
Crane	$1.00	$10.00
America	1.00	10.00
Estelle	1.40	12.50
CRIMSON		
Harlowarden	1.40	12.50
YELLOW		
Eldorado	1.10	12.50
Golden Beauty	1.40	12.50
VARIEGATED		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Armazindy	1.00	10.00
Viola Allen	1.20	11.00

Unrooted Cuttings at one-half price of Rooted Cuttings.

Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

100,000 Pansy Plants at $10.00 a thousand.

Loomis Carnation Co.

Lock Box 115. **Loomis, Cal.**

New Shasta Daisies

ALASKA, CALIFORNIA, WESTRALIA, } $ 3.00 per Doz. 15.00 per 100

Having obtained my stock from Mr. Burbank, it is waranted to be pure and true to name. Postal for circular. Shasta daisy "Shasta," strong field plants, $3.00 per 100. Small plants, one-third less. Prepaid. Cash, please.

FRED GROHE, MacDonald Avenue, **Santa Rosa, Cal.**

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

CLEVELAND.

Club Meeting.

I wish to correct my notice in last week's issue pertaining to the flower show to be held by the Florists' Club, on January 23. At the last meeting it was thought best to postpone this meeting until February 13, the second Monday in the month. This was done so it would not conflict with the convention at Chicago. The new rose, Richmond, was exhibited at this meeting and created favorable comment. Robert George, of Painesville, was the custodian of the valuable exhibit. A special committee, consisting of Isaac Kennedy, Robert George and Michael Bloy were appointed to pass upon its merits. They reported as follows:

That it is a decided acquisition to the red rose class, an improvement on Liberty, being a freer producer, lighter in color, or a more pleasing shade, with delightful fragrance, not too heavy in foliage. Being able to grow in a Bride and Maid temperature is considered a great advantage and it is said to be a most prolific bloomer.

It was decided to make this committee permanent, with the additional names of Adam Graham and John Kelly, to pass upon and issue certificates of merit and honorable mention for seedling carnations and roses or any novelties exhibited before the club, to be guided by the scales adopted by the carnation, rose and chrysanthemum societies.

FOREST CITY.

I GET much pleasure and profit out of the REVIEW every week.—FRED HATCH, Scranton, Pa.

No beginner in the trade, like myself, can afford to do without the REVIEW.—OTTO BRENNEKE, Portland, Ore.

PLEASE discontinue my advertisement of geraniums, as the plants are all sold; am highly pleased with results.—A. C. BUTERBAUGH, Waynesboro, Pa.

ROOTED CARNATION Cuttings, Now Ready

White Lawson, M. A. Patten,
Flamingo, Nelson Fisher,
Lady Bountiful, Albatross,
The above at $5 per 100; $40 per 1000.
The following at $3 per 100; $25 per 1000.
Enchantress, The Queen,
Boston Market, Fairmaid.

Imperial Greenhouses, Utica, N. Y.

Rooted Cuttings

PELARGONIUMS, 15 var., $2.25 per 100.
VERBENAS, 30 var., 60c per 100; $5.00 per 1000.
HELIOTROPE, 12 var., $1.00 per 100; $8 per 1000.
PETUNIAS, 20 var., $1.25 per 100; $10.00 per 1000.
SALVIAS, 6 var., $1.00 per 100; $8.00 per 1000.
GIANT ALYSSUM, $1.00 per 100; $8.00 per 1000.
AGERATUMS, 4 var., 60c per 100; $5.00 per 1000.
COLEUS, 40 var., 70c per 100; $6.00 per 1000.
DAISIES, $1.00 per 100.
Express prepaid on all R. C.
Cash with orders. Write

S. D. Brant, Clay Center, Kan.

Mention The Review when you write.

Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO, ILL.

Send for Price List on all

Palms and Ferns

Mention The Review when you write.

Dreer's Superb Double Petunias



For nearly half a century we have been making a specialty of **DOUBLE PETUNIAS** and our strain is accepted as second to none, either here or in Europe. We annually plant many thousand seedlings from which only the finest double fringed forms are selected for propagating purposes, thus improving the strain every season, and this year's collection is the brightest and most pleasing one we have yet sent out. We offer 15 distinct varieties.
2¼-inch pots, 60c per doz; $4.00 per 100; the set of 15 for 75c.
3-inch pots, 75c per doz.; $6.00 per 100; the set of 15 for $1.00.

SEED OF OUR SUPERB STRAIN OF FRINGED PETUNIAS. **Double,** 75c per 500 seeds; $1.50 per 1000 seeds. **Single,** 50c per trade packet.

Henry A. Dreer, Philadelphia, Pa.

Mention The Review when you write.

HERE IS A MONEY-MAKER

New Late Pink Chrysanthemum, Freeda Senner. This Chrysanthemum we have grown three years. It is a very profitable variety on account of it being so very late; begins blooming December 20, continuing to middle of January; color, salmon pink; large and full; strong grower, three to four feet, foliage dark green leaves, well up to bloom, and a good keeper. On account of its lateness, it is bound to be exceedingly valuable.

We will book orders for March delivery, strong rooted cuttings, 10c; $9.00 per 100.
Write for estimates on larger lots.

ELLSWORTH, FLORIST, Grand Island, Neb.

Mention The Review when you write.

CARNATIONS

SELECTED YOUNG STOCK.

Flamingo, Enchantress, Queen, Queen Louise, Wolcott, Lawson, Floriana, Lord and

FIANCEE

Kaiserin Roses and Chrysanthemum Novelties

Write for prices.

Fine large Duckham 'Mum Stock plants at $1.25 per doz.

ROBERT C. PYE, NYACK, N. Y.
Wholesale Carnation Grower.

BOBBINK & ATKINS

Decorative Plants.

Rutherford, N. J.

Mention The Review when you write.

RUDBECKIA	Per 100
Extra choice, large clumps	$5.00
ASPARAGUS SPRENGERI, Extra quality, 2¼-in. pots	2.00
ASPARAGUS PLUMOSUS, Extra quality, 2¼-in. pots	2.50
ASPARAGUS PLUMOSUS, Extra quality, 3-in. pots	4.00

Above prices cash with order.

JOHN BROD, Niles Center, Illinois

Mention The Review when you write.

"My Maryland"

The largest most productive and most profitable white carnation yet raised. Will be disseminated in 1906. Write us about it. Also for other new and standard carnations.

Chrysanthemum Stock Plants

Dr. Enguehard	$.35 each;	$3 00 per doz.
White Mrs. J. R. Tranter	.35 each;	3.00 per doz.
American Beauty	.35 each;	3.00 per doz.
S. T. Wright	.50 each;	5.00 per doz.
Uncle John	.35 each;	3 00 per doz.
Rockford	.25 each;	3.00 per doz.

Mrs. Probin, 35c each. Mrs. Newell, 35c each.
Pacific, P. Rose, Willow Brook, Ivory, Mrs. J. Jones, 10c each; $6.00 per 100. Orizaba, Halliday, Monrovia, Merry Xmas, Liger, H. Sinclair, 10c each, $7.00 per 100.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

CARNATION CUTTINGS

Well Rooted from Selected Stock.

	Per 100	Per 1000
NELSON FISHER	$7.00	$60.00
MRS. M. A. PATTEN	6.00	50.00
FLAMINGO	6 00	50.00
CRUSADER	6.00	50.00
D. WHITNEY	5.00	40.00
ENCHANTRESS	4.00	30.00
H. FENN	3 00	25.00
MANLEY	3.00	25.00
FAIR MAID	2.50	20.00
QUEEN	3.00	25.00

BACKER & CO., Billerica, Mass.

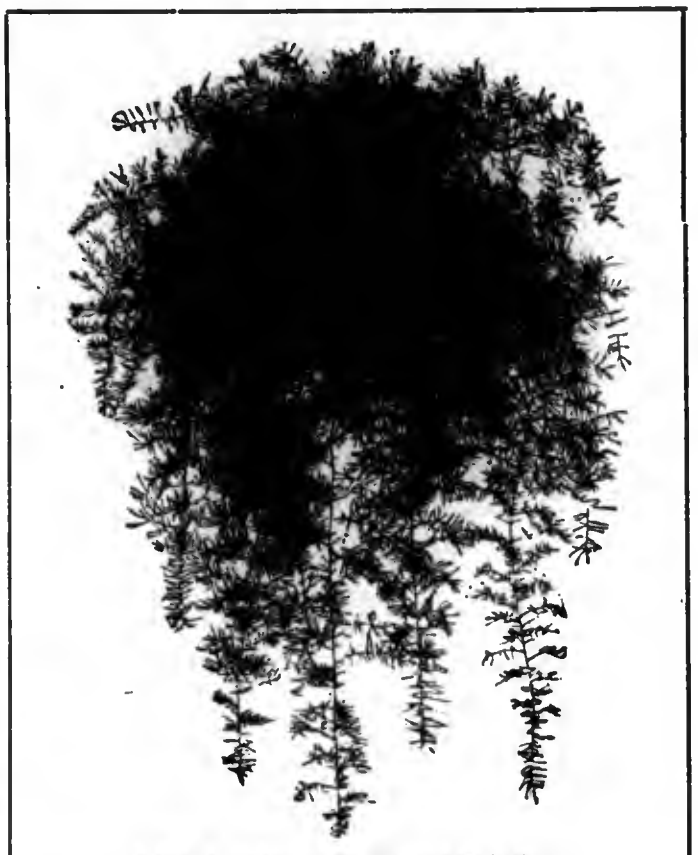
Mention The Review when you write.

Dreer's New Crop Reliable Flower Seeds.

The following is a short list of Flower Seeds which should be sown early to make nice plants for spring sales. For a complete list see our Wholesale Catalogue for January, copies of which have been sent to all florists.

Ageratum Blue Perfection—Dark blue	trade pkt., $0.15	per oz.,	$0.50
Asparagus Plumosus nanus—True	per 100 seeds, $1.00;	per 1000 seeds,	7.00
" **Sprengeri**	per 1000 seeds. .75;	per 5000 seeds,	3.00
Begonia Vernon	trade pkt., $0.25		
" " **grandiflora**	" .25		
" **Gracilis**—Rose	" .25		
Browallia Spectosa major	" .50		
Centaurea Candidissima	per 1000 seeds, .25	per oz.,	1.50
" **Gymnocarpa**	" " .15	"	.35
Cineraria Maritima candidissima	trade pkt., .10	"	.20
" " **acanthifolia**	" .20	"	.75
Cyclamen Persicum—Mixed	" .40	"	2.50
" **Giganteum—White, Rose, Blood-red** or **White with red eye**	per 100 seeds, $0.75;	per 1000 seeds,	6.00
Cyclamen Giganteum—Mixed	" " .60;	" "	5.00
Heliotrope, Lemoine's Giant—Mixed	trade pkt., $0.40	per oz.,	2.00
Ipomœa Grandiflora—Moonflower	" .15	"	.50
Lobelia, Crystal Palace Compacta—True	" .30	"	1.25
" **Speciosa**—Dark blue trailing	" .15	"	.50
" **Gracilis**—Light blue trailing	" .15	"	.40
Nicotiana Sanderæ—The new red-flowering	per packet, .17	7 packets,	1.00

	Trade pkt.	Per oz.
Pansy, Royal Exhibition Mixture—The finest money can buy	$0 50	$8.00
Pansy, Premium—Next to our Royal Exhibition the finest mixture	.50	4.00
Pansy, Giant Trimardeau—A fine mixture large flowers	.25	1.00
Petunia, Dreer's Superb Double Fringed, per 500 seeds, 75c; 1000 seeds, 1.50		
" " " **Single** "	$0.50	
Phlox Drummondi grandiflora—Mixed	.15	$0.40
" " **Large-flowering Dwarf**—Mixed	.20	.75
" " **Nana compacta**—Mixed	.30	1.50
Pyrethrum Aureum—Golden Feather	.10	.25
Salvia Splendens—Scarlet Sage	.25	1.00
" " **"Bonfire"**—Fine compact	.40	2.25
" " **"Burning Bush"**—Very large flowers	.30	1.50
Smilax	¼ lb., $1.00 .10	.30
Solanum Capsicastrum—Jerusalem Cherry	.10	.25
Stocks, Large-flowering, 10-weeks—In separate colors	.40	2.50
" " " " Mixed	.30	2.00
" **Cut-and Come-Again**—In separate colors	.50	
" " " " Mixed	.50	2 50
Sweet Peas—Fifty of the finest kinds in cultivation. See Wholesale Price List.		
Thunbergia—Mixed	trade pkt., $0.10	per oz., $0.50
Verbena, Dreer's Mammoth—White, pink, scarlet, purple or striped	" .30	" 1.50



ASPARAGUS SPRENGERI.

Verbena, Dreer's Mammoth—Finest mxd..trade pkt. 25c, oz., $1.00

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.



Verbena King

Verbenas—Rooted cuttings, 60c per. 100 $5 00 per 1000.

Salvias—Bonfire and St. Louis, the two best of them all, $1.00 per 100, $8.00 per 1000.

Alternantheras—70,000 red and yellow. Sept. struck, equal to 2-inch; these are fine; 60c per 100, $5.00 per 1000.

Hellotropes—Ten best named varieties, $1 per 100, $8.00 per 1000.

Coleus—Thirty named leading varieties, 70c per 100 $6.00 per 1000.

Ageratums—Stella Gurney, Princess Pauline, Lady Isabel, 60c per 100, $5.00 per 1000.

Cuphea—(Cigar Plant), $1.25 per 100, $10 00 per 1000.

Sweet Alyssum—Our big double giant, $1.00 per 100, $8.00 per 1000.

Petunias—Our double white Petunia **Kansas**, is the great Petunia for cut flowers; beats them all, $1.25 per 100, $10.00 per 1000.

Geraniums—Standard named sorts, $1 50 per 100, $12.50 per 1000.

We prepay express charges on all rooted cuttings, and guarantee satisfaction and safe arrival. Write for prices on large lots, also send for list of other rooted cuttings.

C. HUMFELD, Clay Center, Kan.
The Rooted Cutting Specialist.

ROOTED COLEUS CUTTINGS

Verschaffeltii, Golden Queen, Lord Palmerston, Fire Brand, Beckwith's Gem, Queen Victoria and Fancies, 60c per 100; $5.00 per 1000.

Golden Bedder, (original), **and Hero, 75c per 100; $6.00 per 1000.**

A discount of 10 per cent allowed on 10,000 or more Coleus. More liberal discounts on larger orders.

AGERATUM—Princess Pauline and Stella Gurney.

SALVIA—Splendens and Jean Revenal. Rooted cuttings 75c per 100; $6.00 per 1000.

VINCAS—Variegata, 3-inch pots, $5.00 per 100.

FRANK A. PIERSON, Cromwell, Conn.

ROOTED CUTTINGS

We have another batch of Cuttings rooted, out of which there will be a surplus over our own requirements. Prices subject to goods being unsold. Orders filled in rotation. Price, $1.00 per 100; $7.50 per 1000, unless otherwise rated.

COLEUS—15 best bedders; 50c per 100, $4.00 per 1000.

AGERATUMS—Stella Gurney and Dwarf Beauty.

SANTOLINA TOMENTOSA.

PERISTROPHE ANGUSTIFOLIA.

SALVIA OFFICINALIS VARIEGATA.

ACALYPHAS—Tricolor, Macrophylla and Marginata.

LANTANAS—Le Poitevine, Argus, Ultimo, Craigi and Delicatissima.

SWEET ALYSSUM—Double, 50c per 100; $1.00 per 1000.

CUPHEA PLATYCENTRA—60c per 100; $5.00 per 1000.

CARNATIONS—Mrs. Fisher, $1.25 per 100; $10.00 per 1000.

STEVIA SERRATA VARIEGATA—60c per 100; $5.00 per 1000.

MARGUERITES—Ever-blooming White.

ENGLISH IVY—$1.25 per 100; $10.00 per 1000.

VINCA MAJOR VARIEGATA.

DOUBLE YEL. NASTURTIUM.

GERANIUMS—20 best Zonale bedders, 6 finest Ivy leaved, 6 standard, scented. Send for list; $1.25 per 100; 500 for $6 00; 1000 for $10 00.

GERANIUMS—Bronze leaved, Harry Hicover, Carrine and Mrs. Pollock, $1.50 per 100.

ADDRESS:

MICHEL PLANT & BULB CO., St. Louis, Mo.

CINERARIAS

Hybrids; Michell's best strain, 2-in., $3.00 per 100; 3-in., $6.00 per 100; 4-in., $8.00 per 100.

Cash with order.

All goods shipped at purchaser's risk.

Godfrey Aschmann, Wholesale Grower and Importer of Pot Plants.
1012 Ontario St., PHILADELPHIA, PA.
Bell Phone Tioga 3669A.

BOSTON FERNS!

2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.

DAVIS BROS.,
Morrison, Ill., and Geneva, Ill.

Mention The Review when you write.

THE BEST WHITE CARNATION IS

Lieut. Peary (WARD)

CERTIFICATED 90 POINTS.

PEDIGREE—White seedlings for several generations. **COLOR**—Snow white. **FRAGRANCE**—Very strong clove, decidedly fresh, and pleasing. **SIZE**—Large, averaging 3 inches in diameter on strong stiff stems, 18 to 20 inches in length. **FLOWER**—Full, broad petaled and high center and of a fine symmetrical form. **CALYX**—Long, strong and does not burst. Fine keeper and excellent shipper. **HABIT**—Strong and erect. **GRASS**—Medium width. **CONSTITUTION**—Very vigorous and free from disease. Cuttings root rapidly and will be sent out in the most perfect condition. Commences blooming October 15th and flowers continuously throughout the winter, affording an abundant crop. A first-class commercial variety in every respect. Now booking orders.

Price, $12.00 per 100; $100.00 per 1000.

COTTAGE GARDENS CO., Queens, N.Y.

Incorporated.

ALSO THE FOLLOWING NOW READY:

3000 ETHEL WARD 2000 THE PRESIDENT	$7.00 per 100. $60.00 per 1000.
2000 WHITE LAWSON	
5000 ENCHANTRESS 2000 CHRISTMAS EVE	$4.00 per 100. $30.00 per 1000.
2000 GOLDEN EAGLE, $5.00 per 100; $40 per 1000.	
1000 HARRY FENN 5000 LAWSON	$3 00 per 100. $25.00 per 1000.
2000 PROSPERITY, $2.00 per 100; $15 00 per 1000.	
3000 MACKINAC 2000 THE BELLE 2000 LADY BOUNTIFUL 3000 JUDGE HINSDALE 2000 MRS. PATTEN 2000 NELSON FISHER 2000 OCTOROON 2000 FLAMINGO	$6.00 per 100. $50.00 per 1000.

50 of a kind at 100 rate; 250 of a kind at 1000 rate.

Mention The Review when you write.

PERRY FLORISTS' ASSOCIATION.

The Perry Florists' Association is an organization of a number of florists through Iowa and southern Minnesota, which holds periodical meetings at the establishments of its members. The mid-winter meeting for this season was held January 10, 11 and 12 at the greenhouses of W. S. Hall, at Osage, Ia. As has been the rule at the meetings of the association, much of value in a business way was learned, aside from the social features of the three days' session. The election of officers resulted as follows: President, A. N. Kinsman, Austin, Minn.; secretary and treasurer, W. S. Hall, Osage, Ia.

There were a considerable number of exhibits, the discussion of which was a most interesting feature of the meeting. J. D. Thompson Carnation Co., Joliet, Ill., sent twenty-five blooms of its new red carnation, Robt. Craig, which were very highly commended. The C. C. Pollworth Co., of Milwaukee, sent some very fine Chatenay roses and good stevia.

The next meeting will take place in July at the establishment of W. T. Symonds, at Decorah, Ia.

DENVER.

Cut flower trade has been good since holidays. Roses are rather scarce, with a good supply of carnations and everything used up pretty clean.

The march of progress in improvements the coming summer is cropping out already and some of the growers are laying plans for the construction of several houses for the cultivation of Beauties and other roses.

The start made by an eastern man here during the holidays in a flower store results in failure. Inexperience in the business and the lack of good help were the causes.

The prospect of one of our seed merchants branching out into the floral department is good. He thinks the association of flowers will be more congenial than parrots and goldfish.

GREAT DIVIDE.

WE are much pleased with the REVIEW and would not be without it.—WHITTAKER BROS., Cornwall, Ont.

WHILE we would all like to curtail expenses, I believe it is no economy to try to get along without the REVIEW.—GEO. D. DUDLEY, New Market, N. H.

WE DESIRE TO ANNOUNCE to the trade that this season we will disseminate Three of our Seedling Carnations

BEATRICE will perhaps not displace Enchantress, but it will pay you well to grow it for a more moderate priced bloom. It is not quite so large, but it is much freer and more profitable. It is just what you want in large quantities for your every-day trade. Plenty large enough and the color is beautiful, both under artificial as well as by daylight. Fine form and a good keeper. Planted by August 1st comes into full crop September 1st, and never lets up; no cropper. Long, strong stems and does not burst.

INDIANA MARKET is a fine all-the-year-round white, and by far the most profitable white we have today.

FLAMBEAU is the best warm weather red, and hard to beat in winter, too.

All three won Certificates of Merit November 15, 1904, State Society of Indiana Florists.

$10.00 per 100; $80.00 per 1000. Will send you 100 of each of these three for $24.00.

Get our Price-list of last year's Novelties and the best Standard Varieties

BAUR & SMITH, CARNATION CUTTINGS A SPECIALTY. 38th St. and Senate Ave., **INDIANAPOLIS, IND.**

Mention The Review when you write.

$10 per 100 | $40 per 500 | $75 per 1000

Red Lawson will Bloom 3 to 1 against any other RED Carnation on the market

$10 per 100 | $40 per 500 | $75 per 1000

8000 BLOOMS Cut and Sold Xmas Week at $1.50 per doz.

Palmer's RED LAWSON

8000 BLOOMS Cut and Sold Xmas Week at $1.50 per doz.

$10 per 100 | $40 per 500 | $75 per 1000

50,000 CUTTINGS SOLD and not a word of complaint FINE, STRONG, HEALTHY CUTTINGS

$10 per 100 | $40 per 500 | $75 per 1000

W. J. PALMER & SON, Lancaster, N. Y.

Mention The Review when you write.

CARNATION CUTTINGS

Well rooted, from selected stock, now ready.

	100	1000
Enchantress	$3.50	$30.00
Fair Maid	2.00	18.00
The Queen	2.50	20.00

Cash or C. O. D.

JOHN W. FOOTE, Malden, Mass.

Mention The Review when you write.

SPECIAL IN

Perle des Jardins Roses

We have extra nice stock in 2x2½-inch about ready to shift. Write

Geo. A. Kuhl, PEKIN, ILL.

CARNATIONS

Rooted Cuttings Now Ready.

Eclipse Our 1905 introduction. A pink carnation, lighter in color than Lawson and of a more even and bright shade of pink. No objectionable shading or bleachings. A strong free growth, large flowers on long stiff stems and early and continuous flowering.

Fiancee A most pleasing shade of medium pink. No carnation has ever equalled the number of awards received by this variety.

Cardinal Brilliant Scarlet. A great improvement over Estelle.

F. Burki Pure white. **The above four varieties, $12 per 100; $100 per 1000.**

Richmond Gem Scarlet, $10.00 per 100; $75 00 per 1000.

Lady Bountiful and The Belle The two best commercial white carnations of the present day. Both have received honors over competitors at the fall exhibitions. We have large stocks of these two varieties which are already in great demand. Do not delay in placing your order for early delivery. $6.00 per 100; $50.00 per 1000; $112.50 per 2500.

WHITE LAWSON, $7.00 per 100; $60.00 per 1000.

FLAMINGO, NELSON FISHER and MRS. M. A. PATTEN, $6.00 per 100; $50.00 per 1000.

CRUSADER INDIANAPOLIS, JUDGE HINSDALE and THE PRESIDENT, $5 00 per 100; $40.00 per 1000.

ENCHANTRESS, $3.00 per 100; $25.00 per 1000.

In addition to the above we can supply twenty-five of the best standard sorts, varieties that are profitable to grow. Our preliminary Price List will be sent upon application. We are pioneers in the carnation line and our facilities for rooting and handling cuttings are nearly perfect, due to our long experience.

F. DORNER & SONS CO., LA FAYETTE, IND.

Mention The Review when you write.

Carnation Cuttings.

	Per 100	Per 1000
ENCHANTRESS	$3.50	$30.00
FAIR MAID	2.50	20.00
QUEEN	3.00	25.00
QUEEN LOUISE	2.00	15.00
LAWSON	2.50	20.00
CRESSBROOK	2.00	15.00
CHALLENGER	2.00	15.00
MACEO	2.00	15.00
H. FENN	3.00	25.00
PROSPERITY	2.50	20.00
MRS. BRADT	3.00	25.00
FIANCEE	12.00	100.00

C. WARBURTON, Fall River, Mass.

Mention The Review when you write.

Roses R. C. and 2 x 2¼-inch stock—Meteor, Wootton, Gen. MacArthur, Bride, Kaiserin, Ivory, Bridesmaid, La Detroit, La France, Perle, Golden Gate, Am. Beauty, Pres. Carnot.

Carnations Crane, Estelle, Queen Louise, Gov. Wolcott, Glacier, Norway, Mrs. Fisher, Mrs. Joost, Guardian Angel, Lawson, Enchantress.

Geraniums in Red, White, Pink and Salmon; also Rose and Mme. Salleroi.

Sweet Alyssum, Lantanas, Marguerites, Feverfew, Vincas, Ageratum, Heliotrope, Coleus, Salvia, etc. Write

GEO. A. KUHL, Pekin, Ill.

BOSTON FERNS, PIERSONI, ASPARAGUS PLUMOSUS and SPRENGERI.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

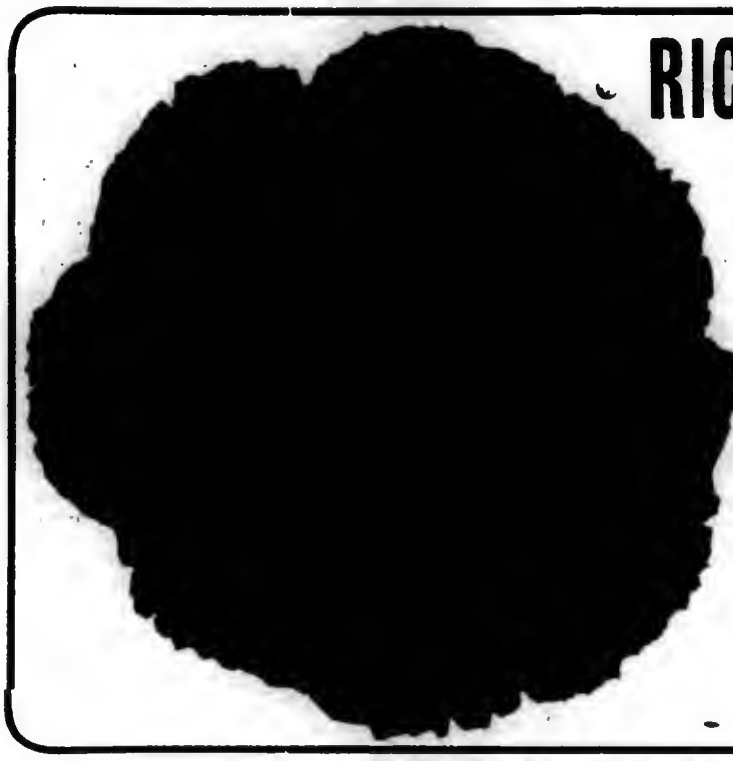
	Per 1000		Per 1000
Enchantress	$25 00	Adonis	$25.00
Lord	10.00	Estelle	12 50
Angel	10 00	Bradt	10.00
Lawson	12.50	Peru	10.00
Flora Hill	10.00	Queen Louise	8.00

Cash or C. O. D.

PERCY JONES, 58-60 Wabash Ave., CHICAGO

Mention The Review when you write.

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.
CARNATIONS OUR SPECIALTY



RICHMOND GEM

THE FINEST COMMERCIAL SCARLET Ever Introduced.

PLACE YOUR ORDERS EARLY. SEND FOR CIRCULAR.

Per 100, $10; per 1000, $75.

WE MUST HAVE ROOM!

The following stock plants of

Mums For Sale

at a Bargain

Wm. Duckham, A. J. Balfour, Alice Byron, white; Yellow Eaton, Appleton, Omega and Marion Newell, large clumps and in good health. Write for prices.

B. K. & B. FLORAL CO.
RICHMOND, IND.

Mention The Review when you write.

RED SPORT (Of Maceo.)

This new "Bread and Butter" commercial brilliant "Crane" Red Carnation, now in its fourth year, has the hardy constitution of General Maceo, with a stronger heavier growth, longer and stiffer stem and a larger flower. Growing under the same conditions and in the same house with Flamingo and Estelle it has produced four times as many blooms as the former and twice as many blooms as the latter. The color is as good as Estelle and the bloom brings as much as does Estelle at its best. Every flower is of a uniform brilliant red, perfectly double with an ideal calyx, in fact we never saw a split one.

Red Sport is perfectly healthy, an easy variety to grow, an early and continuous bloomer, throwing its heaviest cuts around the Christmas holidays and during the Winter months when red is in demand. **Red Sport** will keep longer and travel farther than any other red carnation, and will prove a bonanza to the grower who does a shipping business. If the scarcity of reds in the market that now exists continues **Red Sport** will pay better to the square foot of bench than any other variety of any color to date. Every florist who has seen **Red Sport** growing has placed an order for rooted cuttings, which tells the tale. All our stock is sold up to January 25th. Orders filled in strict rotation from that date on. Price, 12 for $1.50, 25 for $2.50, 50 for $4.00 all post paid. $6.00 per 100, $50.00 per 1000, by express. We guarantee all cuttings to be well rooted and to arrive in good condition.

A. B. DAVIS & SON, Carnation Specialists, PURCELLVILLE, VA.

Mention The Review when you write.

NEW CARNATION

The best commercial red

Crisis

Thoroughly tried. It is a money maker.

PRICE: $12.00 per 100; $100.00 per 1000.

J. L. DILLON, BLOOMSBURG, PA.

THE NEW
ROSE **WELLESLEY**

IS A WELCOME ADDITION TO THE LIST OF FORCING ROSES.

Color is bright pink, with reverse of petals clear silvery pink, thus producing a combination that is exceedingly effective either in daylight or artificial light. Growth is very free and exceptionally vigorous and will prove satisfactory every month in the year. Delivery strictly in rotation, beginning April first. PRICES: Own Root—$25 per 100; $55 per 250; $100 per 500; $200 per 1000. Grafted—$30 per 100; $70 per 250; $130 per 500; $260 per 1000.

Waban Rose Conservatories, Natick, Mass.

JOHN N. MAY, - - SUMMIT, NEW JERSEY.

KANSAS CITY.

The Market.

This week again sees this city the center of a severe storm. Snow has fallen and the thermometer ranges below zero, thereby causing a lull in the market. A very few receptions were held the past week, but there was a large amount of funeral work. Roses are beginning to come in of good quality. Some fine carnations are to be seen and prices are a trifle lower than last week. Quite a number of receptions are on the books for next week, including the annual meeting of the implement dealers, who furnish quite an amount of work for the florists. When the weather breaks things will brighten up a bit and we look for good business.

Various Notes.

Samuel Murray will have the largest decoration of the week, having the Parlin-Orendorff display in honor of the visiting implement dealers. Sam has had this decoration for a number of years but says that this year's display is far in excess of any he has had before.

James Payne has some fine stock growing for the spring trade and reports business fairly good.

Mrs. Duss has sold out to Mann & Chiles. Mr. Mann formerly worked for A. F. Barbe and is well up in floral work.

Miss Jewell reports very good business the past week, chiefly funeral work.

D. Freudenthal has been making the rounds the past week among the growers, buying up stock. He reports trade as quiet at present in his new location.

John Schneider has closed up his business on East Eleventh street, but will continue at the old stand on Walnut.

Several of the leading stores were closed Sunday and it is hoped that before long all will close on that day, as enough business can be done during the week to justify closing.

Ed. Ellsworth, of Kellogg's, has patented a plant box for carrying palms for decorative purposes. A wagon-load of palms were enclosed in these boxes and taken out with the mercury hovering around zero. They were successfully carried in an open wagon a distance of over a mile and were not injured.

Nelson Jarrett is staying close to home these days and has some fine stock coming on for the spring trade.

Mrs. M. A. Biggam, Leavenworth, reports business as fine in that town and is putting some good stuff on the market

NARCISSUS.

Carnations!

ROOTED CUTTINGS READY NOW.

Clean, Healthy Stock, Well Rooted.

	Per 100	Per 1000
RED		
Crusader	$ 5.00	$ 45.00
Estelle	1.50	12.50
Mrs. Ine	1.50	12 50
Flamingo	5.50	45.00
LIGHT PINK		
Gibson Beauty	12 00	100.00
Enchantress	3 00	25.00
Mrs. Higinbotham	1.00	9.00
PINK		
Mrs. Lawson	1.50	12.50
Mrs. Nelson	1.50	12.50
Guardian Angel	1.00	9.00
Mrs. Joost	1.25	10.00
Genevieve Lord	1.25	10.00
Nelson Fisher	6.50	55.00
WHITE		
Boston Market	2.50	20.00
Peru	1.00	9.00
White Cloud	1.50	12.50
Queen Louise	1.00	9 00
Flora Hill	1.00	9.00
VARIEGATED		
Mrs. M. A. Patten	5.50	45.00
Rooted Rose Cuttings—		
American Beauty	3.00	25.00
Liberty	3.00	25.00
Bridesmaid	1.50	12.50
Bride	1.50	12.50
Ivory	1.50	12.50
Golden Gate	1.50	12.50

GEORGE REINBERG

51 Wabash Ave., **CHICAGO**

Mention The Review when you write.

Carnation

Rooted Cuttings

	Per 100	Per 1000
WHITE LAWSON	$6.00	$50.00
FLAMINGO	6.00	50.00
ENCHANTRESS	3.50	30.00
THE QUEEN	2.50	20.00
THE CARDINAL, from 2-inch pots,	$12.00 per 100	

LARCHMONT NURSERIES

LARCHMONT, N. Y.

Mention The Review when you write.

Grafted Rose Plants

2½-INCH POTS.

Grafted from all flowering wood; no blind wood used. These are all grafted on selected English Manetti stocks.

BRIDE	per 100,	$10.00
BRIDESMAID	"	10.00
CHATENAY	"	10.00
LIBERTY	"	12.00
LA DETROIT	"	12.00
MacARTHUR	"	12.00

ROOTED CUTTINGS.

Guaranteed all from flowering wood. No blind wood used.

ROSES

	Per 100	Per 1000
BRIDE	$1.50	$12.50
BRIDESMAID	1.50	12.50
CHATENAY	1.50	12.50
PERLE	2.50	20.00

CARNATIONS

GOV. WOLCOTT	$2.00	$15.00
WHITE CLOUD	2.00	15.00
NORWAY	2.00	15.00
MRS. LAWSON	2.00	15.00
MORN'G GLORY	2.00	15.00
MRS. JOOST	2.00	15.00
CRANE	2.00	15.00
AMERICA	2.00	15.00
PROSPERITY	2.00	15.00
GAIETY	2.00	15.00

Also the sensational new variety, **FIANCEE.** Our order was put in two years ago and was the first order given for **FIANCEE.** We can promise very early delivery at same prices as the introducer. **FIANCEE,** per 100, $12.00; per 1000, $100.00.

Bassett & Washburn,

Greenhouses, Hinsdale, Ill.

Office and Store, 76 Wabash Ave., Chicago

Mention The Review when you write.

Rooted Cuttings **CARNATIONS** Clean and Healthy

MRS. M. A. PATTEN	$6.00	per 100
NELSON FISHER	7.00	"
ENCHANTRESS	3 00	"
WOLCOTT	2.00	"
BOSTON MARKET	2.00	"
J. H. MANLEY	2.00	"
MACEO	2.00	"

SIDNEY LITTLEFIELD, North Abington, Mass.

Mention The Review when you write.

ROSES! ROSES! ROSES!

Rooted Cuttings

	Per 100	Per 1000
CHATENAY	$2.50	$20.00
UNCLE JOHN	2.50	20.00
BRIDESMAID	1.50	12.50
BRIDE	1.50	12.50
IVORY	1.50	12.50
PERLE	1.50	12.50

From 2 1-2 inch Pots.

	Per 100	Per 1000
RICHMOND	$30.00	$250.00
ROSALINDORR ENG.	25.00	200.00
LA DETROIT	6.00	50.00
CHATENAY	4.00	30.00
SUNRISE	4.00	30.00
PERLE von Godesberg.	5.00	40.00
LIBERTY	$5.00	$45.00
UNCLE JOHN	4.00	35.00
KAISERIN	4.00	30.00
BRIDESMAID	3.00	25.00
BRIDE	3.00	25.00
IVORY	3.00	25.00
PERLE	3.00	25.00

CARNATIONS, Rooted Cuttings.

WHITE—	Per 100	Per 1000
THE BELLE	$ 5.00	$45.00
QUEEN LOUISE	1.00	9.00
LADY BOUNTIFUL	5.00	45.00
BOSTON MARKET	2.50	20.00
FLORA HILL	1.00	9 00
CHICAGO WHITE	12.00	100.00
PERU	1.00	9.00
RED—		
RICHMOND GEM	$10.00	$75.00
CRUSADER	5.00	45.00
ADONIS	2.50	20.00
ESTELLE	1.50	12.50
LIGHT PINK—		
PHYLLIS	12.00	100.00
HIGINBOTHAM	1.00	9.00
LIGHT PINK—		
ENCHANTRESS	$ 3.00	$25.00
MORNING GLORY	1.50	12.50
PINK—		
JOOST	1.00	9.00
GUARDIAN ANGEL	1.00	9.00
INDIANAPOLIS	5.00	45 00
NELSON	1.50	12.50
LAWSON	1.50	12.50

All goods sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

PETER REINBERG, Telephone 2846 Central, 51 WABASH AVE., CHICAGO

Mention The Review when you write.

Fred Burki

is the ideal Commercial White Carnation.

Its freedom of bloom coupled with its other meritorious qualities will commend it to the most conservative growers. You will make no mistake by growing **FRED BURKI.**

$12.00 per 100; $100.00 per 1000; 250 at 1000 rate.

JOHN MURCHIE,
SHARON, PA.

S. S. SKIDELSKY,
824 No. 24th St., Philadelphia.

WRITE FOR DESCRIPTIVE CIRCULAR.

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Chrysanthemum Novelties

We are headquarters for the best new varieties. Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Mileham, Lady Cranston, A. J. Miller, Mrs. D V. West, etc., etc. Complete list now ready. Send for a copy.

CHARLES H. TOTTY, MADISON, N. J.

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Carnation Rooted Cuttings

	Per 100	Per 1000
Lady Bountiful	$6.00	$50.00
The Belle	6 00	50 00
Flamingo	6.00	50.00
Nelson Fisher	6.00	50.00
Mrs. Patten	6.00	50 00
Enchantress	3 50	30.00
Prosperity	3 00	25.00
Manley	3.00	25.00
Boston Market	3 00	25 00
Nelson	3.00	25.00
Harry Fenn	2.50	20.00
Gov. Wolcott	2.50	20.00
Adonis	2.50	20.00
Lawson	2 00	17.50
Fairmaid	2.00	17.50
White Cloud	1.50	12.50
Morning Glory	1.50	12.50
Joost	1.25	10 00
Triumph	1.25	10.00

500 at 1000 rate.

FERNS: Boston Ferns, 2½-inch, $5.00 per 100; 3-inch, at $8.00; 4-inch, at $15 00; 5-inch, at $25.00; 6-inch, at $40.00; 7-inch, at $90.00.

CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

Strong Rooted Carnation Cuttings

	Per 1000		Per 1000
Enchantress	$30.00	Adonis	$25.00
Lord	10 00	Flamingo	50.00
Angel	10.00	Estelle	15.00
Lawson	10.00	Bradt	10.00
Gov. Wolcott	10 00	Mrs. M. A. Patten.	40.00
Flora Hill	10.00	Peru	10.00
Boston Market	20.00	Queen Louise	8.00

Cash or C. O. D.

SOL. GARLAND, Des Plaines, Ill.

Mention The Review when you write.

ROOTED CUTTINGS READY

WHITE LAWSON $ 7.00 per 100, 60.00 per 1000

ENCHANTRESS $4.00 per 100; $30.00 per 1000.

PINK LAWSON $3.00 per 100; $20.00 per 1000.

SEND FOR CATALOGUE FOR OTHER VARIETIES.

CHICAGO CARNATION CO., JOLIET, ILL.

Mention The Review when you write.

UNROOTED

CARNATION CUTTINGS

The following at $3 per 100; $25 per 1000.

White Lawson, M. A. Patten,
Flamingo, Nelson Fisher,
Lady Bountiful. Crusader,

The following at $2 per 100; $15 per 1000.

Enchantress, The Queen,
Boston Market, Fairmaid.

Imperial Greenhouses, Utica, N. Y.

Rooted Carnations.

	100	1000
MRS. T. W. LAWSON	$2.50	$20.00
HARRY FENN	2.50	20.00
QUEEN LOUISE	2.00	15.00
MRS. ROOSEVELT	2.50	20.00
ALPINE GLOW	2.00	15.00
MANLEY	2.50	20.00

Our stock is first-class and true to name. Ready for delivery March 1. Cash with order. Please place your orders now.

H. ELTZHOLTZ, Cedarhurst, L. I.

Always mention the Florists' Review when writing advertisers.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii, 2¼-in. pots, $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha rooted cuttings. Tricolor, macrophylla and marginata, $1.00 100, $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

ADIANTUMS.

Adiantum hybridum, 2¼-in. pots, $5.00 100.
A. Ley & Bro., Langdon, D. C.

AGERATUMS.

Ageratums Stella Gurney, P. Pauline and Lady Isabella; rooted cuttings, 60c 100; $5.00 1000. Prepaid. C. Humfeld, Clay Center, Kan.

Ageratums Princess Pauline and Stella Gurney, rooted cuttings, 75c 100; $6.00 1000.
Frank A. Pierson, Cromwell, Conn.

Ageratums Stella Gurney and Dwarf Beauty, rooted cuttings, $1.00 100, $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Ageratum rooted cuttings, 4 var., 60c 100; $5.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Ageratums, Stella Gurney and dwarf white, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Princess Pauline, rooted cuttings, 50c 100; prepaid. Hopkins & Hopkins, Chepachet, R. I.

ALTERNANTHERAS.

Alternantheras, red and yellow, in variety, 2¼-in., $2.00 100, $15.00 1000; rooted cuttings, 60c 100, $5.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow; rooted cuttings, Sept. struck, 60c 100; $5.00 1000. Prepaid. C. Humfeld, Clay Center, Kan.

Alternantheras, red and yellow; strong, R. C., 50c per 100, $4.50 per 1000. Cash.
Byer Bros., Chambersburg, Pa.

Alternantheras, red and yellow, ready March 1, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, Ohio.

Brilliantissima, 75c doz.; $4.00 100.
C. Winterich, Defiance, O.

ALYSSUM.

Sweet alyssum, our big double giant; rooted cuttings, $1.00 100; $8.00 1000. Prepaid.
C. Humfeld, Clay Center, Kan.

Giant alyssum rooted cuttings, $1.00 100; $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Alyssum, giant; fine 2-in., 2c; rooted cuttings, ¾c, mail. Cash.
Byer Floral Co., Shippensburg, Pa.

Sweet Alyssum, rooted cuttings, double, 50c 100, $4.00 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Alyssum, dwarf and giant double, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

Araucaria excelsa, 6-in., 20, 25 and 30 in. high, 5, 6 and 7 tiers, $1.00, $1.25 to $1.50 each.
Godfrey Aschmann, 1012 Ontario St., Phila.

ASPARAGUS.

Asparagus Sprengeri, not the usual recently potted stock, but strong, healthy, field-grown, thoroughly established in pots and have grown into bushy, salable plants; 2½-in. pots, $3.00 per 100; 3-in. pots, $5.00 per 100.
Asparagus tenuissimus. A large, healthy lot of this grand variety in need of a shift; from 2¼-in. pots, $3.00 per 100; 3-in. pots, $5.00 per 100. Nathan Smith & Son, Adrian, Mich.

Asparagus plumosus nanus, fine bushy stock from 2½-in. pots, $3.00; from 3-in. pots, $5.00; from 3½-in. pots, $8.00 per 100.
Paul Mader, East Stroudsburg, Pa.

50,000 fine Asparagus plumosus nanus, 2½-in., $2.00 100, $10.00 1000; 3½-in., $3.50 100, $15.00 1000. Express prepaid.
Wm. Linfoot, No. Vermilion, Danville, Ill.

Asparagus plumosus nanus. To close out will sell the 2½-in. for $2.25 per 100; 3-in., $3.50 per 100. These are extra value; must clean them out to make room.
W. A. Wettlin, Hornellsville, N. Y.

Asparagus plumosus nanus, 2-in., $3.00 100; 3-in., $1.00 doz., $7.00 100. Sprengeri, 2-in., $2.00 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Asparagus plumosus, 2¼-in., $2.50; 3-in., $4.00. Sprengeri, 2¼-in., $2.00; 3-in., $3.00. Fine and pot-bound ready to shift.
S. M. Harbison, Danville, Ky.

Asparagus Sprengeri, extra quality, 2½-in., $2.00 100. A. plumosus, extra quality, 2¼-in., $2.50 100; 3-in., $4.00.
John Brod, Niles Center, Ill.

Asparagus Sprengeri, strong 2-in., $1.50 per 100; $12.00 per 1000.
Golden State Plant and Floral Co., Santa Monica, Cal.

A. plumosus nanus, No. 1, 2-in., 2c; $18.00 per 1000; 3-in., very fine, 4c.
Byer Bros., Chambersburg, Pa.

Asparagus plumosus nanus, 4-in., $20.00 100. Sprengeri, 4-in., $12.00 100.
Anderson & Christensen, Short Hills, N. J.

Asparagus plumosus nanus, fine plants, 3-in., $3.00 100; 4-in., $7.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus Sprengeri and plumosus, strong 2-in., $2.50 per 100.
Iowa Seed Co., Des Moines, Iowa.

Asparagus from benches and from 2½-in. pots. Write me.
Frank Imbach, Newport News, Va.

Asparagus plumosus nanus, 2½-in. pots, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus, strong, 4-in., $8.00 100; prepaid. Hopkins & Hopkins, Chepachet, R. I.

Asparagus plumosus nanus, small plants, $1.75 100. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri and plumosus. All sizes. Write Geo. A. Kuhl, Pekin, Ill.

Asparagus plumosus nanus, 4 -in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus plumosus nanus, 3-in., $3.00 100.
W. T. Buckley Co., Springfield, Ill.

Asparagus Sprengeri, 3-in., per 100, $3.00.
J. Sylvester, Oconto, Wis.

Asparagus plumosus, 4-in., 15c.
J. Russler, Avon Ave., Morgan Park, Ill.

ASTERS.

Asters. Queen of Market, white, rose, purple, 50c oz.; mixed, 35c oz. Peony-flowered, white, pink, 50c oz.; mixed, 35c oz. Giant Ostrich Plume, white, pink, purple, lavender, 75c oz.; mixed, 60c oz. Ostrich Plume "The Bride," white, changing to blush pink, very fine, $1.00 oz. Semple's Branching, white, purple, rose, daybreak, 60c oz.; mixed, 50c oz.
These seeds are of my own raising and are absolutely free from disease, are fresh and very fine.
W. H. Newman, Akron, Erie Co., N. Y.

AZALEAS.

Azalea mollis, extra fine, $35.00 100; standards, $75.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

BAY TREES.

New price list on pyramid, Kaiser Kronen, and standard bay-trees. Orders booked now.
Julius Roehrs, Rutherford, N. J.

BEGONIAS.

Rex begonias, best varieties, mixed. Extra strong plants out of 2½-in. pots, ready for 4 and 5-in., $5.00 per 100. Cash, please. Birmingham Floral Co., Avondale Station, Birmingham, Ala.

Lorraine begonias. Order now for early delivery. Fine thrifty stock from 2-in. April delivery, $15.00 100; May delivery, $12.00 100. Special quotation on 1000 lots.
A. Jablonsky, Wellston, St. Louis, Mo.

Begonia Louis Closson, 2½-in., $3.50 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Begonia Louise Erdody, 3-in., $7.00 per 100.
Iowa Seed Co., Des Moines, Iowa.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonias. For $1.00 we will mail 15 single mixed and 12 double mixed; or 15 single separate colors and 10 double separate colors. All extra fine quality bulbs.
N. Le Page, Mount Vernon, N. Y.

Rex, 15 sorts, mixed; R. C., prepaid, $1.10 per 100, cash. Byer Bros., Chambersburg, Pa.

Rex begonias, in variety, 3-in., $4.00 100.
Paul O. Tauer, Lebanon, Ind.

BULBS.

Surplus HYACINTHS, TULIPS and MISCELLANEOUS BULBS at surprisingly low prices to clear. Write at once.
Johnson & Stokes, 217-219 Market St., Phila.

Freesias. Grand Duchess Oxalis, Bermuda Buttercup and other flowering bulbs. Write for catalogue.
Rees & Compere, Long Beach, Cal.

All spring bulbs now ready. Our bulbs are always reliable. Wholesale catalogue for the asking.
Arthur T. Boddington, 342 West 14th St., N. Y.

If you want fine Mexican bulbs, see adv. under the heading of Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

Dwarf Pearl and variegated tuberoses, Caladium esculentums, all sizes. Write us.
The H. E. Newbury Co., Magnolia, N. C.

Caladium esculentum, extra fine, 10 to 12-in., $8.00 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Bulbs. Fancy-leaved caladiums, finest, most brilliant colored sorts. Write for prices.
H. H. Berger & Co., 47 Barclay St., N. Y.

Milla and bessera bulbs, large and small, $5.00 per 1000. Will exchange.
C. R. Orcutt, San Diego, Cal.

D. Rusconi, importer of bulbs, plants and shrubbery, 32 West 6th St., Cincinnati, O.

CACTI.

Epiphyllum truncatum, in bud and bloom; 3-yr.-old crowns, from 25c to 50c each. Cash with order. A. Mirring, East St. Louis, Ill.

If you want fine CACTI see adv. under heading Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

CAMELLIAS.

Camellia plants in sorts; best German grower; spring delivery. Address A. Rolker & Sons, New York, 31 Barclay St., or P. O. Box 752.

CANNAS.

Cannas, strong eyes.

	100	1000		100	1000
C. Henderson.	$2.00	$18	Mme. Crozy..	$2.00	$18
F. Vaughan..	2.00	18	Austria	1.50	14

Furrow Bros., Guthrie, Okla.

50,000 cannas, Austria, Italia, Crozy, Marquant, Henderson, at $9.00 per 1000, strong 2 and 3-eye roots. Cash with order, please.
Geo. Just, Jacksonville, Fla.

Canna roots, $1.50 per 100. Tarrytown, Florence Vaughan, Italia, Austria, McKinley, Marlboro, Egandale, Sam Trelease.
C. M. Niuffer, Springfield, Ohio.

Cannas, extra fine, plump bulbs, fine varieties, $1.25 100; $10.00 1000.
A. J. Baldwin, Newark, Ohio.

Cannas, 10 varieties, 3-in. pots, $4.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

CARNATIONS.

200,000 rooted carnation cuttings now ready.

White	100	1000	Scarlet	100	1000
Q. Louise..	$1.00	$10.00	Crane	$1.00	$10.00
F. Hill....	1.00	10.00	America ..	1.00	10.00
Gov. Wolc't	1.00	10.00	Estelle ...	1.40	12.50
Alba	2.00	15.00	Crimson		
W. Cloud..	1.00	10.00	Harlow'den	1.40	12.50
Pink			Yellow		
Lawson ...	1.20	12.50	Eldorado .	1.10	12.50
Marquis ..	1.00	10.00	G. Beauty.	1.40	12.50
Enchantress	3.50	30.00	Variegated		
Joost	1.00	10.00	Prosperity.	1.40	12.50
McKinley .	1.40	12.50	M. Field..	1.40	12.50
Mermaid ..	1.00	10.00	Armazindy.	1.00	10.00
Cressbrook.	1.00	10.00	V. Allen..	1.20	11.00

Unrooted cuttings at one-half price of rooted cuttings. Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.
Loomis Carnation Co., L. B. 115, Loomis, Cal.

Carnation rooted cuttings, now ready.

Eclipse, our 1905 introduction. A pink carnation, lighter in color than Lawson, and of a more even and bright shade of pink. No objectionable shading or bleachings. A strong, free grower, $12.00 100; $100.00 1000.

Lady Bountiful and The Belle, the two best commercial white carnations of the present day. Both have received honors over competitors at the Fall exhibitions. $6.00 100; $50.00 1000; $112.50 per 2500.

Fiancee, a most pleasing shade of medium pink. No carnation has ever equaled the number of awards received by this variety. $12.00 100;, $100.00 100.

Cardinal, brilliant scarlet. A great improvement over Estelle. $12.00 100; $100.00 1000.

F. Burki, pure white. $12.00 100; $100.00 1000.

Richmond Gem, scarlet. $10.00 100; $75.00 1000.

White Lawson, $7.00 per 100; $60.00 1000.

Flamingo, Nelson Fisher and Mrs. M. A. Patten, $6.00 100; $50.00 1000.

Crusader, Indianapolis, Judge Hinsdale and The President, $5.00 100; $40.00 1000.

Enchantress, $3.00 100; $25.00 1000.

In addition to the above we can supply 25 of the best standard sorts, varieties that are profitable to grow. Our preliminary price list will be sent upon application. We are pioneers in the carnation line and our facilities for rooting and handling cuttings are nearly perfect, due to our long experience.

F. Dorner & Sons Co., La Fayette, Ind.

Carnation rooted cuttings.

White	100	1000	Scarlet	100	1000
Q. Louise..	$1.00	$10.00	Crane	$1.00	$10.00
F. Hill....	1.00	10.00	America ..	1.00	10.00
Alba	1.40	12.50	P. Palmer.	1.00	10.00
Wolcott ..	1.00	10.00	Estelle ...	1.40	12.50
Norway ..	1.00	10.00	Manley ...	1.50	15.00
L. Pond...	1.40	12.50	Apollo	1.50	15.00
Chicot	1.20	10.00			
Pink			Yellow		
Lawson ...	1.40	12.50	G. Beauty.	1.40	12.50
Enchantress	3.50	30.00	Eldorado .	1.00	10.00
Joost	1.00	10.00	Variegated		
Success ...	1.00	10.00	Prosperity.	1.40	12.50
Mermaid .	1.00	10.00	M. Field..	1.40	12.50
Cressbrook.	1.00	10.00	Stella	1.40	12.50
McKinley .	1.40	12.50	Armazindy.	1.00	10.00
Mrs. R'sev't	1.40	12.50	V. Allen..	1.20	11.00
			Gaiety ...	1.20	11.00

Crimson—Harlowarden, $1.40 100; $12.50 1000. G. Roosevelt, $1.20 100; $10.00 1000. Special prices on large lots. Unrooted pips at half price. 25 at 100 rate; 250 at 1000 rate. Express prepaid. Cash or C. O. D. with privilege of examining.

Loomis Floral Co., Loomis, Cal.

We desire to announce to the trade that this season we will disseminate three of our seedling carnations. BEATRICE, the most prolific light pink that we have ever grown; INDIANA MARKET, a grand commercial white, and FLAMBEAU, a red to grow in place of Crane. These varieties are first-class commercial varieties in every respect, free in bloom and easy to grow. Send us your name and address; we will send you a circular which gives a full description.

We are booking orders for Feb. delivery (Jan. delivery all sold) at $10.00 100; $80.00 1000. We will send you 100 of each of the three for $24.00. We would suggest that you place your order early.

We also have a fine stock of Indianapolis, The Belle, Lady Bountiful, Moonlight, The Bride, Vesper, Flamingo, Crusader, Daheim, Marion Beauty and New Daybreak at $5.00 100; $45.00 1000.

BAUR & SMITH, 38th & Senate Ave., Indianapolis, Ind.

Carnation rooted cuttings, ready now. Clean, healthy stock, well rooted.

Red.	100	1000	Light Pink.	100	1000
Crusader ..	$5.00	$45.00	G. B'uty..	$12.00	$100.00
Estelle	1.50	12.50	Enc'tress ..	3.00	25.00
Mrs. Ine ..	1.50	12.50	H'inbotham	1.00	9.00
Flamingo .	5.50	45.00	White.		
Pink.			B. Market..	2.50	20.00
Lawson ...	1.50	12.50	Peru	1.00	9.00
Nelson	1.50	12.50	W. Cloud..	1.50	12.50
G. Angel ..	1.00	9.00	Q. Louise..	1.00	9.00
Mrs. Joost.	1.25	10.00	F. Hill....	1.00	9.00
G. Lord....	1.25	10.00	Variegated.		
N. Fisher..	6.50	55.00	Patten	5.50	45.00

Geo. Reinberg, 51 Wabash Ave., Chicago.

Rooted carnation cuttings, ready now.

	100	1000		100	1000
W. Lawson..	$5.00	$40	Enchantress .	$3.00	$25
Mrs. Patten..	5.00	40	L. Bountiful..	5.00	40
Flamingo ...	5.00	40	The Queen...	3.00	25
Albatross	5.00	40	B. Market...	3.00	25
N. Fisher....	5.00	40	Fair Maid....	3.00	25
Unrooted cuttings.					
	100	1000		100	1000
W. Lawson..	$3.00	$25	M. A. Patten.	$3.00	$25
Flamingo	3.00	25	N. Fisher....	3.00	25
L. Bountiful.	3.00	25	Crusader	3.00	25
Enchantress .	2.00	15	The Queen...	2.00	15
B. Market...	2.00	15	Fair Maid...	2.00	15

Imperial Greenhouses, Utica, N. Y.

The best big-flowered, general purpose scarlet carnation now before the trade is CARDINAL. We also have Fiancee and Fred Burki. All three at $12.00 per 100, $100.00 1000. Send for our trade list. E. G. HILL CO., Richmond, Ind.

Rooted carnation cuttings.

Red.	100	1000	Pink.	100	1000
Rich. Gem.	$10.00	$75.00	Joost	$1.00	$ 9.00
Crusader .	5.00	45.00	Indianapolis	5.00	45.00
Estelle ...	1.50	12.50	Nelson	1.50	12.50
Adonis ...	2.50	20.00	Lawson ...	1.50	12.50
White.			Light Pink.		
The Belle.	5.00	45.00	Higinb'th'm	1.00	9.00
Q. Louise.	1.00	9.00	Enchantress	3.00	25.00
L. Bount..	5.00	45.00	M. Glory...	1.50	12.50
B. Market.	2.50	20.00	Phyllis	12.00	100.00
Flora Hill.	1.00	9.00	White.		
Chicago ..	12.00	100.00	Peru	1.00	9.00

Peter Reinberg, 51 Wabash Ave., Chicago.

RED SPORT, the new bread and butter, commercial red carnation, now in its fourth year, has the hardy constitution of Gen. Maceo, with a stronger, heavier growth, longer and stiffer stem and a larger flower. It will keep longer and travel farther than any other red carnation. All our stock is sold up to Jan. 25. Orders filled in strict rotation from that date on. 12 for $1.50, 25 for $2.50, 50 for $4.00, all postpaid; $6.00 per 100, $50.00 per 1000, by express.

We guarantee all cuttings to be well rooted and to arrive in good condition.

A. B. DAVIS & SON, Purcellville, Va.

Rooted carnation cuttings.

	100	1000		100	1000
L. Bountiful.	$6.00	$50	Nelson ...	$6.00	$25.00
The Belle ..	6.00	50	H. Fenn .	2.50	20.00
Flamingo ...	6.00	50	G. Wolcott	2.50	20.00
N. Fisher ...	6.00	50	Adonis ...	2.50	20.00
Mrs. Patten.	6.00	50	Lawson ..	2.00	17.50
Enchantress .	3.50	30	Fair Maid.	2.00	17.50
Prosperity ..	3.00	25	W. Cloud.	1.50	12.50
Manley	3.00	25	M. Glory .	1.50	12.50
B. Market ..	3.00	25	Joost	1.25	10.00
Triumph	1.25	10			

500 at 1000 rate.

W. J. & M. S. Vesey, Fort Wayne, Ind.

Rooted carnation cuttings.

White—	100	1000	Pink—	100	1000
Queen	$2.50	$20	Enchantress ..	$3.00	$25
Vesper	5.00	..	Lawson	2.00	15
Q. Louise ...	2.00	15	Fairmaid	2.00	15
Wolcott	2.00	15	N. Fisher ..	6.00	..
B. Market ..	2.00	15	E. Ward	4.00	..
Crimson—			Variegated—		
Harlowarden..	2.50	20	Mrs. Patten .	6.00	..
Octoroon	4.00	..	J. Hinsdale .	4.00	..
Scarlet—			Prosperity ...	2.00	15
Flamingo	6.00	..			

S. S. Pennock, Philadelphia, Pa.

ROOTED CARNATION CUTTINGS.
All orders filled in rotation.

	100		100
Mrs. Patten, var.	$6.00	Queen, white.....	$3.00
White Lawson....	6.00	B. Market, white.	3.00
Albatross, white..	6.00	Queen Louise.....	2.00
Flamingo, scarlet.	6.00	Lawson	2.00
Enchantress	3.50	Manley, scarlet...	2.00
Challenger	2.00		

Write for prices on large lots; 5 per cent discount for cash with order.

James D. Cockcroft, Northport, L. I., N. Y.

WHITE LAWSON, which we introduced last year, has given great satisfaction and has proved to be the finest WHITE CARNATION ever sent out. Remember that we are headquarters for it. We are now booking orders for early delivery, at $7.00 100; $60.00 1000 for first-class, strong rooted cuttings.

We have all the other novelties of the season—Fiancee, Cardinal, Fred Burki, etc., also the cream of the older sorts—Mrs. Patten, Daheim, Enchantress, Flamingo, Mrs. Lawson, etc.

F. R. PIERSON CO., Tarrytown, New York.

The new scarlet seedling ROBERT CRAIG, the ideal Christmas carnation. Prices: $2.50 doz., $12.00 100, $100.00 1000. 2500 lots, $95.00 1000; 5000 lots, $90.00 1000; 10,000 lots or more, $80.00 1000.

The new white seedling LIEUT. PEARY, commences blooming Oct. 15 and flowers continuously through the winter. A first-class commercial variety in every respect. Prices: $12.00 100; $100.00 1000.

Send orders early to

Cottage Gardens Co., Inc., Queens, N. Y.

Rooted carnation cuttings ready now. Fine healthy stock. Orders booked for future delivery.

	100	1000		100	1000
W. Lawson.	$7.00	$60.00	Enchant'ss	$3.50	$30.00
Bountiful .	6.00	50.00	Flamingo ..	6.00	
Mrs. Patten	6.00	50.00	B. Market.	2.50	20.00
N. Fisher.	7.00	60.00	The Queen.	2.50	20.00
Daheim ...	6.00	50.00	Mrs. Lawson	2.50	20.00

List of other varieties on application.

Wood Bros., Fishkill, N. Y.

Strong, well-rooted carnation cuttings.

	1000		1000
Enchantress ...	$30.00	Flamingo	$50.00
Adonis	25.00	Lord	10.00
Angel	10.00	Estelle	15.00
Lawson	10.00	Mrs. Patten ...	40.00
Gov. Wolcott ..	10.00	Bradt	10.00
Flora Hill	10.00	Peru	10.00
B. Market	20.00	Q. Louise	8.00

Cash or C. O. D.

Sol. Garland, Des Plaines, Ill.

Rooted carnation cuttings.

	100	1000		100	1000
W. Lawson.	$6.00	$50.00	Flamingo ..	$6.00	$50.00
Enchantress	3.50	30.00	The Queen.	2.50	20.00

The Cardinal, from 2-in. pots, $12.00 per 100.

Larchmont Nurseries, Larchmont, N. Y.

Carnation cuttings, strong and well-rooted.

White.	100	1000	Pink.	100	1000
Queen	$2.50	$20	N. Fisher....	$6.00	..
Queen Louise	2.00	15	Ethel Ward..	4.00	..
B. Market...	2.00	15	Enchantress..	3.00	25
Variegated.			Lawson	2.00	15
J. Hinsdale..	4.00	..	Fair Maid...	2.00	15
Prosperity ..	2.00	15			
Crimson.					
Harlowarden.	2.50	20			

S. J. Reuter, Westerly, R. I.

Rooted carnation cuttings from strictly first-class stock.

	100	1000		100	1000
Mrs. Patten.	$6.00	$50	Queen	$2.50	$20
Flamingo ...	6.00	50	Fair Maid...	2.50	20
Crusader ...	6.00	50	Harry Fenn.	2.50	20
Enchantress.	3.50	30	Manley	3.00	25

Express prepaid where cash accompanies the order. Satisfaction guaranteed.

GEO. E. BUXTON, Nashua, N. H.

Carnation cuttings.

	100	1000		100	1000
Enchantress ...	$4	$30	M. A. Patten...	$6	$50
Queen	3	25	Lawson	2	15
Fair Maid.....	3	25	Wolcott	2	15
Harry Fenn....	3	25	Manley	2	15
Q. Louise.....	2	15	Estelle	2	15

Our stock is first-class, and we guarantee our cuttings to be A1 and well-rooted.

The Lewis Conservatories, Marlboro, Mass.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress .	$3.50	$30	Fairmaid ...	$2.50	$20
Queen	3.00	25	Q. Louise....	2.00	15
Lawson	2.50	20	Cressbrook ..	2.00	15
Challenger ..	2.00	15	Maceo	2.00	15
H. Fenn.....	3.00	25	Prosperity ..	2.50	20
G. M. Bradt.	3.00	25	Fiancee	12.00	100

C. Warburton, Fall River, Mass.

Carnation cuttings.

	100	1000		100	1000
Queen Louise	$2.00	$15	Harry Fenn..	$2.50	$20
F. Joost	2.00	15	Harlowarden.	2.50	20
Challenger ..	2.00	15	Prosperity ..	2.50	20
The Queen...	2.50	20	Fair Maid...	2.50	20
B. Market...	2.50	20	Enchantress .	3.50	30
Mrs. Lawson.	2.50	20	Mrs. Patten.	5.00	45

Jas. E. Beach, 2019 Park Ave., Bridgeport, Conn.

Rooted carnation cuttings.

	100	1000		100	1000
Fiancee	$12.00	$100	Mrs. Joost..	$2.00	$15
W. Cloud...	2.00	15	Crane	2.00	15
Norway	2.00	15	America	2.00	15
Mrs. Lawson	2.00	15	Prosperity ..	2.00	15
Morn. Glory	2.00	15	Gaiety	2.00	15
Gov. Wolcott	2.00	15			

Bassett & Washburn, 76 Wabash ave., Chicago.

Carnation cuttings, well-rooted, from selected stock.

	100	1000		100	1000
Nelson Fisher.	$7.00	$60	Enchantress ...	$4.00	$30
Mrs. Patten..	6.00	50	H. Fenn	3.00	25
Flamingo	6.00	50	Manley	3.00	25
Crusader	6.00	50	Fair Maid ...	2.50	20
D. Whitney...	5.00	40	Queen	3.00	25

Backer & Co., Billerica, Mass.

Our specialty, in carnations, is UNROOTED CUTTINGS. We have the best varieties for business. Fair Maid, Mrs. Thos. W. Lawson, Boston Market, Queen, $10.00 per 1000; 250 or more at 1000 rate. Flamingo and Crusader, $2.00 per 100. Careful packing and prompt shipment. Cash, please.

STEPHEN CHASE, Nashua, N. H.

Rooted carnation cuttings. Our stock is first-class, true to name and will be ready for delivery March 1.

	100	1000		100	1000
Lawson	$2.50	$20	H. Fenn.....	$2.50	$20
Q. Louise.....	2.00	15	Mrs. Roosevelt	2.50	20
Alpine Glow..	2.00	15	Manley	2.50	20

H. Eltzholtz, Cedarhurst, L. I., N. Y.

ROOTED CARNATION CUTTINGS.

	100	1000		100	1000
Lawson ...	$1.50	$12.50	G. Angel...	$1.00	$ 9.00
Enchant ..	3.00	25.00	M. Glory..	1.50	12.50
Higinb'th'm	1.25	10.00	Estelle	1.50	12.50
Chicago ...	2.00	15.00	Adonis	2.50	20.00
Flora Hill..	1.00	9.00	W. Cloud..	1.25	10.00
Her Majesty	1.50	12.50	Harlowar'n.	1.50	12.50

Wietor Bros., 51 Wabash Ave., Chicago.

Rooted carnation cuttings.

	100	1000		100	1000
Mrs. Patten..	$5.00	$45	Mrs. Nelson..	$2.50	$20
Enchantress .	3.00	25	Harry Fenn..	2.50	20
Fair Maid....	2.50	20	The Queen...	2.50	20
Mrs. Lawson.	2.50	20	Queen Louise	2.00	15
Harlowarden..	2.50	20			

Standard Greenhouses, Norwood, R. I.

Rooted carnation cuttings. Per 1000:

Enchantress	$25.00	Adonis	$25.00
Lord	10.00	Estelle	12.50
Angel	10.00	Bradt	10.00
Lawson	12.50	Peru	10.00
Flora Hill	10.00	Q. Louise	8.00

Cash or C. O. D.

Percy Jones, 58-60 Wabash Ave., Chicago.

Surplus stock of fine carnations, such as Joost, Floriana, Dorothy, Glacier, Flora Hill, Queen Louise, Lillian Pond, Roosevelt, at $5.00 per 100, or will exchange for Princess of Wales violets.

Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

CARNATIONS—Continued.

Rooted carnation cuttings. Per 1000:

Crusader	$45.00	Lawson	$10.00
Enchantress	30.00	Lord	10.00
B. Market	20.00	Hill	10.00
Estelle	20.00	Scott	10.00
Nelson	20.00		

Des Plaines Floral Co., Des Plaines, Ill.

Rooted carnation cuttings. Per 100:

Enchantress	$3.50	Lawson	$2.00
Harlowarden	2.00	B. Market	1.50
Wolcott	1.50	Q. Louise	1.00
Hill	1.00	Morning Glory	1.00
America	1.00		

Money refunded if not satisfactory.
A. A. Gannett, Geneva, N. Y.

Rooted carnation cuttings that will give you satisfaction. Per 1000:

Lawson	$12.50	Prosperity	$12.50
Flora Hill	10.00	Queen Louise	10.00
White Cloud	10.00	Joost	10.00
Marquis	10.00		

W. C. Hill Floral Co., Streator, Ill.

Rooted carnation cuttings. Per 100:

Mrs. M. A. Patten.	$5.00	D. Whitney	$4.00
Enchantress	4.00	White Cloud	1.50
Joost	1.50	Morning Glory	1.50
Gov. Wolcott	1.50	Queen Louise	1.50

Special price on large lots.
J. F. Ammann, Edwardsville, Ill.

Rooted carnation cuttings. Per 100:

Red Lawson	$8.00	Flora Hill	$1.25
Mrs. Lawson	1.25	Queen Louise	1.25
Enchantress	2.50	Marquis	1.25
Nelson	1.50	Joost	1.00

Cash with order or C. O. D.
F. G. Lewis, 519 Locust St., Lockport, N. Y.

Rooted carnation cuttings, clean and healthy.

	100	1000		100
Mrs. M. A. Patten		$6	Enchantress	$3
Nelson Fisher	7		Wolcott	2
Boston Market	2		J. H. Manley	2
Maceo	2			

Sidney Littlefield, North Abington, Mass.

Rooted carnation cuttings.

	100	1000		100	1000
Nelson Fisher	$7	$60	L. Bountiful	$6	$50
Mrs. Patten	6	50	Flamingo	6	50
White Lawson	6	50	Enchantress	4	30

Peter Fisher, Ellis, Mass.

Rooted cuttings, per 100: Flamingo and Indianapolis, $5.00; Crusader, $6.00; Fairmaid, $1.75; B. Market, $2.00; Queen, $2.50; Enchantress, $3.00; Lawson, $1.35. B. Market and Fairmaid, unrooted, $1.00; for other varieties, write Otto Bourdy, Lowell, Mass.

Rooted cuttings ready.

	100	1000		100	1000
W. Lawson	$7	$60	Pink Lawson	$3	$20
Enchantress	4	30			

Send for catalogue for other varieties.
Chicago Carnation Co., Joliet, Ill.

Place your order now for the new carnation FRED BURKI. Will be disseminated in 1905. Price: $12.00 100, $100.00 1000; 250 at 1000 rate. Address S. S. Skidelsky, 824 No. 24th St., Philadelphia, Pa., or
John Murchie, Sharon, Pa.

STRONG ROOTED CUTTINGS. Per 1000:

Guardian Angel	$ 9.00	Mrs. Nelson	$12.00
Hill	9.00	Boston Market	15.00
Enchantress	25.00	Morning Glory	12.00

A. L. RANDALL CO., 19-21 Randolph St., Chicago.

Carnation cuttings, well-rooted and from selected stock.

	100	1000		100	1000
Enchantress	$3.50	$30	The Queen	$2.50	$20
Fairmaid	2.00	18			

Cash or C. O. D.
John W. Foote, Malden, Mass.

Rooted cuttings, now ready. Strong and healthy. Price per 1000, Enchantress, $30.00; Prosperity and Nelson, $25.00; Lawson, Estelle and Wolcott, $20.00; Q. Louise and H. Maid, $15.00. Henry Baer, R. F. D. 3, Peoria, Ill.

75,000 rooted carnation cuttings for January and February delivery: Flora Hill, Mrs. McGowan, Joost, Queen Louise, Elbon, a fine red. All at $10.00 1000. Cash with order, please.
J. H. A. Hutchison, Oxford, Pa.

PALMER'S RED LAWSON, sport from the famous Mrs. Thos. Lawson. Planted May 18, in full crop middle of August. Rooted cuttings, $10.00 100; $40.00 500; $75.00 1000.
W. J. Palmer & Son, Lancaster, N. Y.

Strong, healthy rooted carnation cuttings. Joost, pink, $1.00 100, $8.00 1000; Peru, white, $1.00 100, $10.00 1000; Prosperity, fancy, $1.50 100. Enchantress, shell-pink, $3.50 100.
J. R. Shreiner, Lancaster, Pa.

Unrooted cuttings of Enchantress, the best light pink and The Queen, the only white, carefully packed, at $1.50 100; $12.50 1000. Rooted cuttings, double.
Henry Eichholz, Waynesboro, Pa.

Rooted carnation cuttings, clean stock.

Boston Market	$2.00 100, $18.00 1000

Unrooted cuttings at half price.
Enchantress and Harry Fenn $3.00 per 100
F. H. Pasell & Son, New Bedford, Mass.

Carnations Selected young stock of Flamingo, Enchantress, Queen, Queen Louise, Wolcott, Lawson, Floriana, Lord and Fiancee. Write for prices. Robt. C. Pye, Nyack, N. Y.

Rooted carnation cuttings, per 100: Flamingo, $5.00; Enchantress, $3.00; Boston Market, $2.00; Lawson, $1.00. Cash with order, please.
Chas. Wiffin, Des Plaines, Ill.

MY MARYLAND, the largest, most productive, most profitable white carnation yet raised will be disseminated in 1906. Write us about it.
H. Weber & Sons, Oakland, Md.

Unrooted carnation cuttings of Enchantress, $1.50 per 100; Lawson, 75c 100; Crane, America and F. Hill, 50c per 100.
Samuel Whitton, 15-17 Gray ave., Utica, N. Y.

Carnation WM. PENN, a new pink well worth a trial by every grower of carnations. Send for descriptive list now.
Albert M. Herr, Lancaster, Pa.

Rooted carnation cuttings now ready. Send for price list of all the new and standard varieties.
Wm. Swayne, Box 226, Kennett Square, Pa.

Carnations, Flora Hill and Joost, 2-in. pots, $1.25 100.
H. Rossiter, 200 Lexington Ave., Jersey City, N. J.

300 Flamingo, 300 Lady Bountiful, 500 Indianapolis, $5.00 per 100, or will exchange for Nelson Fisher. Furrow Bros., Guthrie, Okla.

CRISIS, the best commercial red; thoroughly tried; it's a money-maker. Price: $12.00 100; $100.00 1000. J. L. Dillon, Bloomsburg, Pa.

Unrooted pips. Flora Hill, Maceo, Freedom, Marquis and Mrs. Jas. Dean, 50c 100; prepaid.
Hopkins & Hopkins, Chepachet, R. I.

Unrooted carnation pips of Hill, Joost, Peru, Melba, Crocker and G. Lord, 50c per 100. Cash.
John J. Heibeck, Atglen, Pa.

Carnations. Hardy garden, Henderson's strain; flower in June; per 100, $3.50 prepaid.
J. Sylvester, Oconto, Wis.

Rooted carnation cuttings of Lawson, $2.00 per 100; Lorna, Harlowarden, $1.50 per 100.
Alameda Greenhouse, Roswell, N. Mex.

Mrs. Fisher carnations for summer bloom, strong 2-in., $2.50 100. Cash.
Wm. Keir, Pikesville, Md.

Fieldgrown carnation plants, Joost, Freedom and Good Enough, $4.00 100.
Converse Greenhouses, Webster, Mass.

Our rooted carnation cuttings are now ready. Write me for list and prices.
Geo. A. Kuhl, Pekin, Ill.

Rooted cuttings of Mrs. Fisher carnations, $1.25 100, $10.00 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Rooted carnation cuttings. Write for prices.
The Philippi Nurseries, Rocklin, Cal.

Carnations, Ethel Crocker, 2-in., $2.00 100.
Paul O. Tauer, Lebanon, Ind.

Advertisers have learned from experience that
THE REVIEW
PAYS
BEST.

CHRYSANTHEMUMS.

Chrysanthemum stock plants.

	Each	12		Each	12
Dr. Enguehard	35c	$3	Rockford	25c	$3
W. Mrs. Tranter.	35c	3	Uncle John	35c	3
American Beauty.	35c	3	Mrs. Probin	35c	
S. J. Wright	50c	5	Mrs. Newell	35c	

Pacific, Polly Rose, Willow Brook, Ivory, Mrs. J. Jones, 10c ea.; $6.00 100. Orizaba, Halliday, Monrovia, Merry Xmas, Liger, H. Sinclair, 10c ea.; $7.00 100.
H. Weber & Sons, Oakland, Md.

Chrysanthemums. Strong stock plants of Dr. Enguehard, $1.00 per doz. Silver Wedding, Col. D. Appleton, Mrs. Jerome Jones, Columbia, Grates, W. K. Rieman, Helen Bloodgood, Marie Liger, White Bonnaffon, Mrs. S. J. Tranter, 75c per doz.
C. W. Reimers, Hite Ave., Louisville, Ky.

Chrysanthemum novelties. We are headquarters for the best new varieties, Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Milleham, Lady Cranston, A. J. Miller, Mrs. D. V. West, etc. Complete list now ready. Send for copy. Chas. H. Totty, Madison, N. J.

Among the new varieties which we had on trial for this year are some magnificent sorts, 9 of which have been awarded certificates. Send for our trade list which gives varieties, prices and full description of each.
E. G. HILL CO., Richmond, Ind.

Chrysanthemums Wm. Duckham, A. J. Balfour; Alice Byron, white; Yellow Eaton, Appleton, Omega and Marion Newell, large, good, healthy clumps. Write for prices.
The B. K. & B. Floral Co., Richmond, Ind.

Hardy chrysanthemums, small flowering varieties, 2¼-in. pots, $2.00 100; large flowering, 2¼-in. pots, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

White Maud Dean stock plants, 25c each, $2.50 per doz., identical with Pink Maud Dean.
Evenden Bros., Williamsport, Pa.

See our large adv. about the new chrysanthemum in this issue.
Ellsworth Florist, Grand Island, Neb.

CINERARIAS.

Cinerarias. James Prize, Columbian, and Stellata, 4 and 4½-in., in bud, 24 for $2.50; 6-in., 15 to 18 inches high, full of buds, 12 for $2.00; safely packed.
J. Sylvester, Oconto, Wis.

Hybrid cinerarias, Michell's best strain, 2-in., $3.00; 3-in., $6.00; 4-in., $8.00 per 100.
Godfrey Aschmann, 1012 Ontario St., Phila.

Cinerarias, in bud and bloom, 4-in., 10c; 5-in., 15c. Fine.
Hammerschmidt & Clark, Medina, O.

CLEMATIS.

Large-flowered clematis, purple, lavender, white and red sorts, 2 yr., 18c; 1 yr., 9c.
W. H. Salter, Rochester, N. Y.

COLEUS.

Rooted cuttings of Verschaffeltii, Golden Bedder, Lord Palmerston, Fire Brand, Beckwith's Gem, Queen Victoria and Fancies, 60c 100; $5.00 1000. Golden Bedder (original) and Hero, 75c 100; $6.00 1000. Ten per cent discount on orders of 10,000 or more.
Frank A. Pierson, Cromwell, Conn.

Coleus rooted cuttings, 60c per 100, $5.00 per 1000; 2-in., $2.00 100, $18.00 1000. Golden Bedder, Verschaffeltii and other varieties. Orders booked for future delivery.
E. B. Randolph, Delavan, Ill.

Coleus rooted cuttings, 30 named varieties, 70c 100; $6.00 1000. Prepaid.
C. Humfeld, Clay Center, Kan.

Coleus rooted cuttings, 40 var., 70c 100; $6.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Coleus, 10 varieties, 2-in. pots, ready March 1, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, Ohio.

Coleus, rooted cuttings, 15 best bedders, 50c 100, $4.00 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Coleus, good varieties, 2¼-in., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Coleus, 12 best varieties, 2-in., full of cuttings $2.00 100. A. J. Baldwin, Newark, Ohio.

Coleus, 2¼in., $2.00 100. Cash with order.
W. H. Parsil, Summit, N. J.

CUPHEAS.

Cuphea (cigar plant), rooted cuttings, $1.25 100; $10.00 1000. Prepaid.
C. Humfeld, Clay Center, Kan.

Cuphea platycentra, rooted cuttings, 50c 100, $3.00 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Cuphea (cigar plant), 2¼-in., $2.00 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

CYCLAMEN.

Cyclamen persicum splendens, best Hamburg strain, in 5 colors; strong, 3½ and 4-in., in bud and bloom, $12.00 and $18.00 per 100. Cash with order, please. H. Book, Worcester, Mass.

Cyclamen splendens giganteum, hybrids, in bud and bloom, from 5-in. pots, $2.50 per doz., $20.00 per 100.
Paul Mader, East Stroudsburg, Pa.

Cyclamen giganteum, 3-in., fine plants, $7.00 100. Cash, please. Fred Grohe, Santa Rosa, Cal.

DAHLIAS.

DAHLIAS. Pot roots for immediate shipment. Every section, including the popular CACTUS dahlias, at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 100. These are postpaid terms; note this when comparing prices.

Twelve seedling CACTUS dahlias, all 1903 sorts, and certificated by the Dahlia societies in England. $2.50 postpaid.

1904 seedling CACTUS dahlias. A rare opportunity; only a few to offer at $1.25 each, postpaid, in quantities of not less than 4 sorts, or 1 of each (there are 16 of them) for $16.00, postpaid.

Terms: Cash with order. Catalogue free.
Hobbies Limited, Norfolk Nurseries, Dereham, England.

MRS. WINTERS, still the leading white. My sales of this variety for the past two years were phenomenal; also INGEBORG EGELAND, the new scarlet cactus. Do not fail to list these two novelties. Also fine stock of leading novelties and standard varieties. Catalogue of dahlias, peonies, hollyhocks, gladioli and hardy plants, now ready.
W. W. WILMORE, Dahlia Specialist,
Box 382, DENVER, COLO.

DAHLIAS. Half a million pot roots ready for dispatch. The largest and most up-to-date collection in the world. Special low quotations to the trade upon receipt of requirements. Catalogues free.
The Horticulture Company, Champion Dahlia Specialists, Cheadle-Hulme, Cheshire, England.

Dahlias, field roots. Clifford W. Bruton, yellow; Storm King, pure white; A. D. Livoni, pink; Maid of Kent, red, tipped white, $5.00 per 100; mixed, $4.00 per 100. The Brighton Seed & Floral Co., 215 Occidental Ave., Seattle, Wash.

Dahlias. Nymphaea, Livoni, Snowclad, Storm King, Strahlen Krone, and new cactus sorts, mixed, $3.00 per 100, $25.00 per 1000. Strong field roots. Cash.
I. Merwin Rayner, Greenport, N. Y.

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ALASKA, CALIFORNIA, WESTRALIA, $3.00 doz.; $15.00 100. Having obtained my stock from Mr. Burbank, it is warranted to be pure and true to name. Postal for circular. Shasta daisy "Shasta," strong field plants, $3.00 100. Small plants, one-third less. Prepaid. Cash, please. Fred Grohe, Santa Rosa, Cal.

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We are headquarters for Boston and Piersoni ferns. The stock is fine and thrifty. Write
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Fuchsias Black Prince and Minnesota, 2¼-in., 50c doz., $2.00 100.
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From the most reliable English makers.
Fresh importation just received.
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Rooted cuttings, as follows: Salvias, vincs, sweet alyssum and heliotropes, $1.00 100. Fuchsias, double petunias and feverfew, $1.25 100. Coleus and ageratum, 60c 100. Cash.
Ernest Harris, Delanson, N. Y.

Coleus, 60c 100; heliotrope, all dark, $1.00 100; vincas, $1.25 100; English ivy, $1.25 100; fuchsias, $1.50 100. Cash.
J. E. Felthousen, Schenectady, N. Y.

Rooted cuttings, prepaid. Per 100: Ageratum Gurney, 60c; alternantheras, best red, and yellow, 45c; fall rooted, extra strong, 50c; $4.50 per 1000; fuchsias, 5 fine sorts, $1.25; giant Marguerite daisy, white, $1.00; coleus, best bedders, 60c. Cash.
Ryer Floral Co., Shippensburg, Pa.

Alternantheras, red and yellow, $5.00 1000; brilliantissima, $4.00 100. Ageratum Stella Gurney, 60c 100. Heliotropes, 60c 100. Coleus, 5 best varieties, 60c 100, $5.00 1000. Santolina, 60c 100, $5.00 1000.
Jacob Russler, Avon Ave., Morgan Park, Ill.

Geraniums, double petunias, fuchsias and carnations, best varieties, $1.00 per 100. Cigar plants, heliotropes, ageratums, salvias and alternantheras, 60c per 100, $5.00 per 1000.
J. C. Schmidt Co., Bristol, Pa.

ROSES.

Rooted rose cuttings.

	100	1000		100	1000
Chatenay	$2.50	$20.00	Bride	$1.50	$12.50
Uncle John	2.50	20.00	Ivory	1.50	12.50
Bridesmaid	1.50	12.50	Perle	1.50	12.50

Roses from 2½-inch pots.

	100	1000		100	1000
Richm'd	$30.00	$250.00	La Detroit	$6.00	$50.00
Chatenay	4.00	30.00	Sunrise	4.00	30.00
Godesberg	5.00	40.00	English	25.00	200.00
Liberty	5.00	45.00	Uncle John	4.00	35.00
Kaiserin	4.00	30.00	Bride	3.00	25.00
Bridesmaid	3.00	25.00	Ivory	3.00	25.00
Perle	3.00	25.00			

All plants sold under express condition that if not satisfactory they may be returned.
P. Reinberg, 51 Wabash Ave., Chicago.

The new rose WELLESLEY is a welcome addition to the list of forcing roses. Color is bright pink, with reverse of petals clear silvery pink, thus producing a combination that is exceedingly effective either in daylight or in artificial light. Growth is very free and exceptionally vigorous and will prove satisfactory every month in the year. Delivery strictly in rotation, beginning April 1. Prices:

Own root.	Grafted.
$ 25 per 100	$ 30 per 100
55 per 250	70 per 250
100 per 500	130 per 500
200 per 1000	260 per 1000

WABAN ROSE CONSERVATORIES, Natick, Mass.

Grafted rose plants, 2½-in. pots. Grafted from all flowering wood; no blind wood used. These are all grafted on selected English Manetti stocks.

	100		100
Bride	$10.00	Liberty	$12.00
Bridesmaid	10.00	La Detroit	12.00
Chatenay	10.00	Gen. MacArthur	12.00

Rooted cuttings; all from flowering wood; no blind wood used.

	100	1000		100	1000
Bride	$1.50	$12.50	Chatenay	$1.50	$12.50
Bridesmaid	1.50	12.50	Perle	2.50	20.00

Bassett & Washburn, 76 Wabash Ave., Chicago.

Dormant rose plants, 2½-in. pots. Clothilde Soupert, Maman Cochet, White Maman Cochet, La France, Etoile de Lyon, Marechal Niel, Meteor, Helen Gould, Souv. de Mme. Pierre Notting, Ivory, Papa Gontier, Bride, Maid, Ball of Snow, $2.50 per 100; $20.00 per 1000. Cash, please.
John A. Doyle, Rose Grower, Springfield, O.

Roses for spring blooming. C. Soupert, Jacqueminot, U. Brunner, La France, Magna Charta, Crimson Rambler, etc., fine, field-grown plants, never forced, suitable for 5-in. pots, 7c; larger, for 6-in., 12c. Crimson Rambler, XXX, long tops, 20c. W. H. Salter, Rochester, N. Y.

ROSES, rooted cuttings. Bride, Bridesmaid, Golden Gate, Ivory, $1.25 per 100, $10.00 per 1000. Wood selected from healthy, grafted stock. Satisfaction guaranteed. Cash or satisfactory reference.
Baur Floral Co., 20 W. 10th St., Erie, Pa.

Bride, Maid and Perle roses, 3-in., dormant, ideal stock for summer and early autumn. $4.00 100; $38.00 1000. Bedding roses—Bon Silene, Etoile de Lyon, Ivory, Mrs. Ben Cant, Pink and White Cochet. 3-in., $4.00 100; $38.00 1000. E. G. Hill Co., Richmond, Ind.

Rooted rose cuttings.

	100	1000		100	1000
Am. B'uty	$3.00	$25.00	Bride	$1.50	$12.50
Liberty	3.00	25.00	Ivory	1.50	12.50
Bridesmaid	1.50	12.50	G. Gate	1.50	12.50

Geo. Reinberg, 51 Wabash Ave., Chicago.

Grafted roses on strong English Manetti stock. Bridesmaid, Golden Gate, Bride, Ivory, Mme. Chatenay, $120.00 1000. Uncle John, La Detroit, Gen. MacArthur, $18.00 100.
S. S. Pennock, Philadelphia, Pa.

Field-grown roses, own roots. Hybrid perpetual, hybrid teas, hardy climbers, everblooming teas, etc. Good assortment of varieties from $6.00 to $12.00 100.
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Edw. J. Taylor, Southport, Conn.

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Geo. A. Kuhl, Pekin, Ill.

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Van der Weijden & Co., Boskoop, Holland.

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Crimson Rambler roses, extra, $15.00 100; H. P. roses, best varieties, $10.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Roses. Rooted cuttings of Bride, Maid and Gates, $1.25 per 100; $10.00 per 1000.
Rhoten Bros & Co., Bx. 5, Danville, Ill.

Roses, Ivory and Golden Gate, 2¼-in. pots, $1.50 100.
H. Rossiter, Lexington Ave., Jersey City, N. J.

Roses. Marechal Niel, 3-in. pots, $5.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Rose plants. Get our list before buying.
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Bridesmaid roses, 3-in., $3.00 100.
Paul O. Tauer, Lebanon, Ind.

Kaiserin roses. Write for prices.
Robt. C. Pye, Nyack, N. Y.

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Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

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Rubber plants, 5-in., 50c each. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Rubber plants, from $6 dozen up.
Wm. A. Bock, No. Cambridge, Mass.

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S. D. Brant, Clay Center, Kan.

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Petunias—Double Fringed. We are headquarters for these. Six distinct novelties, labeled, $1.25 per 100; $10.00 per 1000.

Salvias—The two best. Drooping Beauty, (dwarf), Bonfire, (tall), $1.00 per 100; $8.00 per 1000.

Asparagus Plumosus Nanus—Plants from 3-inch pots, $3.00 per 100.

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Boston Ferns—Strong plants from 4-inch pots, $10.00 per 100.

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We have a fine stock of this variety, strong plants in 2½ and 3-inch pots, some of which are showing character leaves, ready for immediate shift. While they last, **$5.00 per 100; $45.00 per 1000.**

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Orders booked now.

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April delivery.....$15 00 per 100
May delivery ..... 12.00 per 100
Special quotations on 1000 lots.

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Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots, at 25c, 50c, 75c, $1.00 each.

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Good strong, healthy plants, from 2¼-in. pots, 40c per dozen; $2.00 per 100; $17.50 per 1000, provided that not less than 200 of any one variety are ordered.

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2¼ in stock; not less than 5 of any one variety sold.

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Ageratums, dwarf white and Stella Gurney, 40c per doz	2.00	
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Coleus, good varieties	2.00	15.00
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Fuchsias, Black Prince, Minnesota,	2.00	
Gaillardia Grandiflora	3.00	
Hardy Chrysanthemums, large flowering varieties	3.00	
Our collection of Hardy Chrysanthemums was awarded the diploma at New York by the American Institute.		
Hardy Chrysanthemums, small flowering varieties	2.00	
Hardy English Ivy	2.00	15.00
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	Per 100	1000
Hollyhock, double white and mixed, 3 in. pots	$3.00	
Holt's Mammoth Sage	2.00	$15.00
Lemon Verbena	2.50	17.50
Lantanas, 10 varieties	2.00	17.50
Maranta Massangeana	4.00	
Moonvines, white and blue, 50c doz.	3.00	
Petunias, double, mixed	2.50	
" 5 named varieties	3 00	
Phlox, hardy, 10 named varieties	3.00	
Rose, Marechal Niel, 3-in. pots	5.00	
Salvia, in variety	2.00	17.50
Smilax, strong	2.00	15.00
Stevia, variegated	2.00	
Swainsona Alba and Rosea	2.00	17.50
Sweet William, double, mixed	3.00	
Verbenas, white, purple, scarlet	2.00	

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Good selection of standard varieties, $5.00 per 100; $40.00 per 1000. Mixed $4.00 per 100; $35.00 per 1000. Send for list.

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ASPARAGUS PLUMOSUS NANUS

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Express Prepaid at above Prices—CASH

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The Fumigating Kind Tobacco Powder

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Marion, Ind.—Your **Fumigating Kind Tobacco Powder** has given me more satisfaction than any other kind of insecticide, and I have used all the latest inventions. I have used it now for two years and think it is the satest, cheapest and easiest to handle on the market. GUNNAR TEILMANN.

Troy, N. Y.—Enclosed please find two dollars; ship at once 100 pounds **The Fumigating Kind Tobacco Powder.** It was a pleasure the freedom we enjoyed last season from insects through the use of your powder. JOHN H. DUKE.

Wallingford, Conn.—Please send me by freight one hundred pounds **The Fumigating Kind Tobacco Powder.** I find nothing better. I have used it for four years, and find no injury to blossoms. GEO. H. ROWDEN.

A FREE trial five-pound bag will cost you nothing more than the express charges on it. The trial bag will prove our assertion that it is the most effective, cleanest and quickest as well as the cheapest (10 cents per 100-foot house) article to fumigate with. All aphis killed in one night—our booklet tells of it; we mail one on request.

THE H. A. STOOTHOFF COMPANY, Tobacco Powder Hobbyists, 116, 117, 118 West St., New York

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W. S.

HERE is a dollar for the REVIEW, the best paper for the trade.—JACOB ROHR & SON, Naperville, Ill.

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The best, strongest and neatest folding Cut Flower Box ever made. Cheap. Durable.
To try them once is to use them always.

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" No. 3	4x8x18	2.50 "	23.00	"
" No. 4	3x5x24	2.75 "	6.00	"
" No. 5	4x8x22	3.00 "	.50	"
" No. 6	4x8x28	3.75 "	.00	"
" No. 7	6x16x20	5 50 "	.00	"
" No. 8	3x7x21	3 00 "	50	"
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A large, healthy lot of this grand variety in need of a shift. From 2¼ inch pots, $3.00 per 100; 3-inch pots, $5 00 per 100.

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Bedding Plants

Cash with order.	Per 1000	Per 100 2¼-in. Exp.	Per 100 2¼-in. Mail
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Alyssum, double sweet		2.00	1.00
Boston Ferns 5-inch.....25 cts.,		3.00	
Feverfew, Little Gem	15.00	2.00	1.25
Fuchsia, 6 named varieties		2.50	1.25
25,000 Geraniums, Nutt and 20 other varieties		2.50	1.50
15 000 Geraniums, Mme. Salleroi.		2.00	1.00
Petunias, double fringed, white.		2.50	1.50
Pansies, Florists' International, in bud and bloom, for southern shipment	15.00		2.00
Salvia, 4 named varieties		2.00	1.00
Forget-me-nots		2.00	1.00

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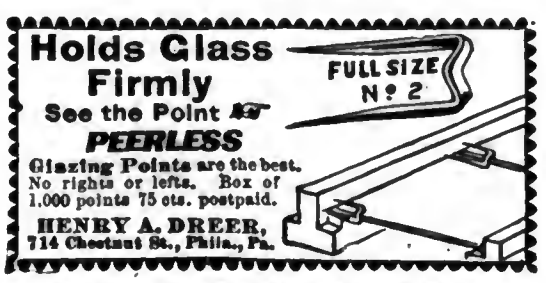
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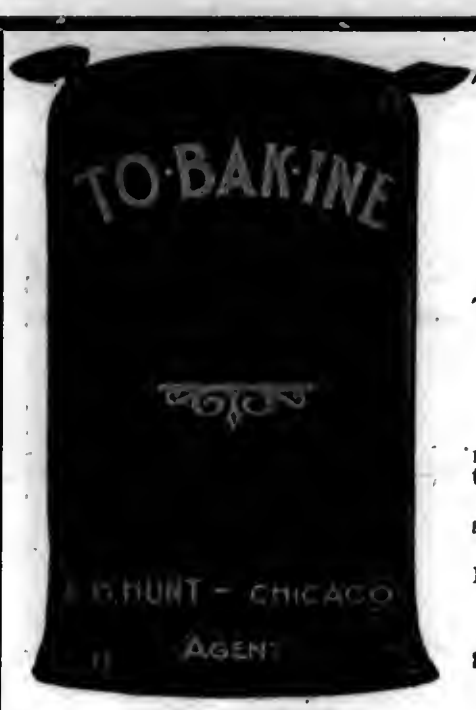
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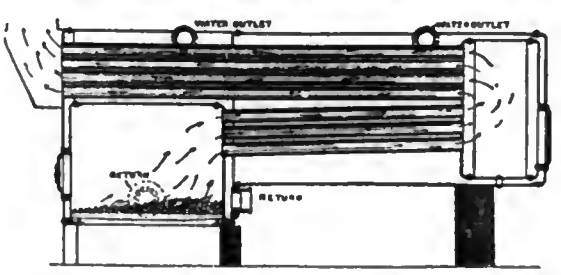
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The best, strongest and neatest folding Cut Flower Box ever made. **Cheap, Durable.**

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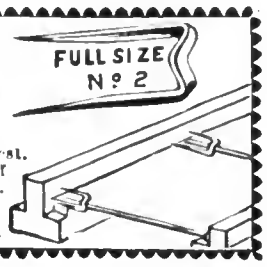
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Holds Glass Firmly
See the Point
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Glazing Points are the best. No rights or lefts. Box of 1,000 points 75 cts. postpaid.
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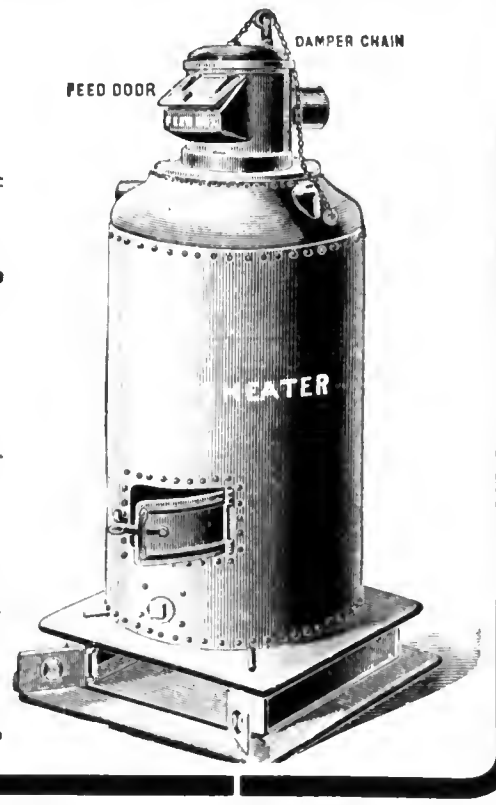
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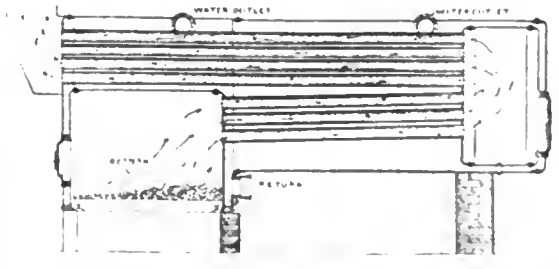
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PITTSBURG.

The Market.

While we started in with twelve or fifteen inches of snow January 9, and had a couple of days of rain and slush in the middle of the week, winding up Friday and Saturday with nice, clear, frosty winter weather, business was fair for the week. The stores were all doing a nice business, while the receptions and weddings helped along. Randolph & McClements had a number of handsome decorations, among them several for Mrs. H. H. Westinghouse, at one of which the Westinghouse rose was used on the table, making a very beautiful decoration.

Various Notes.

John Murchie, of Sharon, and James Walker, of Walker & McLean, Youngstown, O., visited the Pittsburg Rose & Carnation Co. the past week and while in the city Mr. Murchie showed several of his new seedling carnations; one, a bright red, was very favorably commended.

Walter Breitenstein was out canoeing one day last week, trying his hand at dodging cakes of ice in the Allegheny.

A. W. Smith is forcing very fine lilac and yellow trumpet narcissus.

L. I. Neff is back at business after a siege of grip contracted during the holidays. Among those who are still ill are Mrs. E. A. Williams, Wm. Flemm and John Baldinger.

We hear a good deal of talk about the Carnation Convention. Already the following have declared their intention of going: I. S. Crall, Monongahela; Mr. DeMuth, Connellsville; Mr. Warrick, Washington; John Murchie, Sharon; Mr. Walker, Youngstown; John L. Wyland, Fred Burki, T. P. Langhans, W. A. Clarke, J. B. Murdoch and James L. Wyland, and no doubt there will be several others by starting time. This delegation expects to go via Richmond, Ind., stopping over there one day. The P. C. C. & St. L. is the most direct route, and we shall probably all go that way. The stop-over at Richmond will necessitate purchasing mileage, as the one and one-third fare tickets are not good for a stop-over. We shall leave this city Monday evening, arriving at Richmond early Tuesday, leaving Richmond Tuesday evening for Chicago. Any florists from this section who desire to join this party will please communicate with T. P. Langhans, 504 Liberty avenue, Pittsburg.

Marshall Anderson, of A. W. Smith's, met with a serious accident Monday morning on a Mt. Washington trolley car via Tunnel. We all hope for a speedy recovery. Hoo-Hoo.

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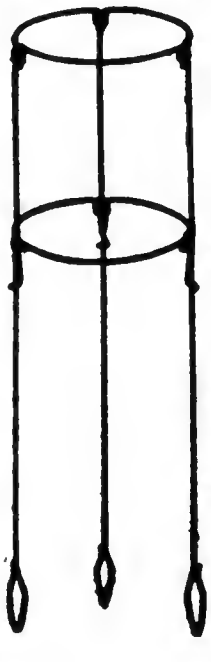


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THE FLORISTS' REVIEW

G. L. GRANT, EDITOR AND MANAGER.

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MONTREAL, QUE.—The Montreal Gardeners' and Florists' Club has decided to hold an exhibition of carnations on Thursday, February 23, when, in addition to certificates of merit, a silver cup will be awarded for the best vase of 100 carnations. Intending exhibitors will receive all information on application to the secretary, W. H. Horobin.



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Internally fired, easily accessible. No brick work to absorb heat units. No cast iron sections to crack; no joints to be repacked. Complete and ready to set up on leaving our works. Any kind or grade of fuel successfully used. Construction is of the best flange steel. No boilers on the market so readily and easily cleaned. Let us hear from you today. All sizes in stock.

Send for catalog.

BURNS BOILER & MFG. CO.,
Established 1863. WEST DePERE, WIS
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Pumping Engines
FOR
Florists and Gardeners
They use gas or gasoline for fuel.
THE STANDARD PUMP AND ENGINE CO.,
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USE "BURNHAM" BOILERS
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YOU WANT PROFITS which continue to grow. The reason why "BURNHAM" BOILERS will save coal for you is that there is a large combustion chamber, also a large active fire surface for each square foot of grate. They heat easily, quickly, efficiently. It takes but a short time to set up one of these boilers.

Write to-day to our New York Office for our catalogue of Greenhouse Construction and Heating and Ventilating Catalogue.

LORD & BURNHAM COMPANY,
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GENERAL OFFICE & WORKS: Irvington-on-Hudson, N. Y.

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SEE THAT LEDGE.
Pat. Sept. 18, 1900.



THE **JENNINGS** IMPROVED **IRON GUTTER.**

....USE OUR....
Patent Iron Bench Fittings and Roof Supports.
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Improved Vaporizing Pans for Tobacco Extracts, Etc.

SEND FOR CIRCULARS. **DILLER, CASKEY & CO.,** Successors to JENNINGS BROS. S. W. Cor. 6th and Berks Sts., PHILADELPHIA, PA.

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GREENHOUSE MATERIAL. COMPOSITION POSTS.
Send for catalogue. Get the best.
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NOW IS THE TIME TO BUY
Hot Bed and Greenhouse GLASS For Spring ...Use...

Get our prices before placing your order. No order too large for us to handle. No order too small to have our careful attention.

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Greenhouse Heating, Hot Water and Ventilating Apparatus. Steam Boilers.
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Hot Water Boilers, Pipes, Fittings
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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN



CARNATION NUMBER

CHICAGO and NEW YORK — JANUARY 26, 1905

THE PIERSON-SEFTON CO.
Horticultural Architects and Builders.
West Side Ave., JERSEY CITY, N. J.

FLAT IRON RAFTER TYPE.

While the same in general outline as the ordinary flat rafter type of greenhouse that has been on the market for years, yet our construction is so far improved in every detail it is far from ordinary—it is in a class by itself.

We furnish it in two styles for commercial and private use, both ¾ and even span. The commercial style shown in the illustration has our galvanized "U" bar eaves plate and is supported on galvanized iron foot pieces set in concrete.

The style for private use is provided with cast-iron sills set on brick walls and is furnished with gutter at eaves line.



FLAT IRON RAFTER TYPE OF GREENHOUSE.
ERECTED FOR MR. JEFF DOREMUS, MADISON, N. J.

SASH BAR TYPE.

We manufacture this type of house in several grades from the low priced all cypress grade to the highest grade of combination wood and iron.

The house shown in the illustration is composed of our highest grade and consists of our galvanized "U" bar eaves supported on galvanized angle iron side posts with foot pieces bedded in concrete. The roof is supported on iron columns and angle iron purlins, making a strong durable house at a reasonable price.

It stands next to our flat rafter type in stanchness and durability.

Our lower priced grades of sash bar houses are manufactured with just the same care and attention to every detail.

All cypress used is selected and free from sap or knots.



HIGHEST GRADE OF SASH BAR TYPE OF GREENHOUSE.
ERECTED FOR MR. A. L. THORNE, FLUSHING, N. Y.

RIDGE AND FURROW TYPE.

We manufacture this type of house in all our constructions and of all widths of span.

The range shown in illustration consists of our highest grade sash bar with galvanized "U" bar eaves and galvanized angle iron posts.

It is provided with our galvanized "V" iron center gutter arranged to catch all water of condensation on under side of glass.

It is absolutely dripless and is without doubt the most perfect center gutter yet presented. It is supported on galvanized iron pipe columns which are bedded in concrete.



RIDGE AND FURROW TYPE OF GREENHOUSE.
ERECTED FOR F. R. & P. M. PIERSON, SCARBOROUGH, N. Y.

We also manufacture and furnish self-locking sash opening apparatus, hotbed sash and frames, all kinds of benches, "Pierson" boilers and everything required for erecting and heating greenhouses.

Estimates furnished for houses erected complete or for material ready to erect.

WRITE TO-DAY FOR PRICES.

THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

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Vol. XV. CHICAGO AND NEW YORK, JANUARY 26, 1905. No. 374.

Seeds of "Quality"

Reliable Always

Extra fine strains Florists' Flower Seeds and all Spring Bulbs now ready. Wholesale catalogue free for the asking.

Arthur T. Boddington,

342 West 14th Street, New York

Asparagus Seeds

60c a hundred; $5.00 a thousand.
5000 for $22.50.

WM. F. KASTING,

WHOLESALE FLORIST,

383-387 Ellicott St., BUFFALO, N. Y.

THE LEO NIESSEN CO.

WHITE LILACS, SINGLE DAFFODILS, TULIPS and PANSIES

WILD SMILAX

1217 Arch Street, PHILADELPHIA, PA.

FIANCEE

In a class by itself.
Rooted Cuttings,
$ 12 per 100
100 per 1000

THE CARDINAL, Grand Scarlet Improved Estelle, $ 12.00 per 100 / 100.00 per 1000

Two Best White Carnations { LADY BOUNTIFUL, $6.00 per 100; $50.00 per 1000
WHITE LAWSON, 7.00 per 100; 60.00 per 1000

Chicago Carnation Co., -- Joliet, Ill.

OUR SELECTION OF FINEST.... GERANIUMS

2-inch pots, all labeled, buyer to name colors wanted .....per 1000, $20.00

We have the Finest Assortment in the Country

BRIDE and MAID, and PERLE, 3-inch, dormant, ideal stock for Summer and early Autumn.....per 100, $4.00; per 1000, $38.00

BEDDING ROSES — Bon Silene, Etoile de Lyon, Ivory, Mrs. Ben. Cant, Pink and White Cochet, 3-in., per 100, $4.00; per 1000, 38.00

THE E. G. HILL CO., RICHMOND, IND.

Bleeding Heart Dielytra Spectabilis

FOR EASTER FORCING

Select Clumps.....$6.50 per 100; $60.00 per 1000
HYDRANGEA OTAKSA (dormant stock), $15.00 per 100

Our new list of Flower Seeds for early sowing mailed for the asking. Please note the many new and improved varieties contained therein.

W. W. BARNARD & CO., SEEDSMEN, 161-163 Kinzie St., CHICAGO

OUR SPECIALTIES:
"SUPERIOR QUALITY" BRAND
WILD SMILAX ALWAYS ON HAND
XX Fancy Hudson River Violets.

At the Sign of Success Trade Mark

A DAILY CUT FROM
40 TO 60 GROWERS
WE CAN AND WILL FILL CUT FLOWER WANTS TO ADVANTAGE

The most complete line of Florists' Supplies in the west.

"Perfect Shape" Brand Wirework, etc.

OUR GROWERS have "kept in line" on the better new sorts of **Carnations** and as a result we are now able to supply blooms that will stand distant shipping and be "worth while" after you get them. Also our line of Roses—both Teas and Beauties—was never better. Hudson River Violets are a specialty with us, and we are getting in some quantities of this flower that are what can be termed XX Fancy.

If a buyer of Flowers of any kind, Greens, etc., we can and will make it an object for you to send us your commands.

E. F. WINTERSON CO.

45-47-49 Wabash Ave., CHICAGO

JAPANESE AND BERMUDA LILIES **FOR EASTER**

We are headquarters for Lilies which we import direct from Japan and Bermuda, and grow extensively at all seasons. They are the finest obtainable.

We also grow
JAPANESE DWARFED PLANTS,
WISTERIAS,
AZALEAS, Etc.



Do not delay placing your ORDERS for EASTER

Do It Now

Visit us and select personally. You are always welcome.

HINODE FLORIST CO., WHITESTONE, LONG ISLAND, N.Y.
—TELEPHONE CONNECTION—



McKINLEY DAY, JANUARY 29, WILL MAKE A BIG EXTRA DEMAND, and WILL MEAN A LOT OF GOOD BUSINESS FOR THOSE WHO CARRY THE STOCK

WE HAVE A REPUTATION FOR FILLING ORDERS WHEN ALL OTHERS FAIL.

Current Price List.

Subject to change without notice.

BEAUTIES—	Per doz.
30-36 inch stem	$4 00 to $5 00
24-inch stem	3 00
20-inch stem	2 50
15-inch stem	2 00
12-inch stem	1 50
Short stem	75 to 1 00

	Per 100
BRIDES	$6 00 to $12 00
BRIDESMAIDS	6 00 to 12 00
GOLDEN GATES	6 00 to 12 00
METEORS	$6 00 to $12 00
LIBERTIES	6 00 to 15 00
CARNATIONS, ordinary	2 00
" fancy	3 00 to 5 00
VIOLETS	75 to 1 00
CALLAS, doz., $1 50-$2 00	
PAPER WHITES	4 00
ROMANS	4 00
VALLEY	2 00 to 4 00
HARRISII, $2 to $2 50 doz.	
TULIPS, WHITE	$ 4 00
ASPARAGUS, strings	50 00
" Sprengeri	$2 00 to 5 00
FERNS...per 1000, $2 00	25
GALAX, gr., 1000, 1 25	15
" br., " 1 50	20
ADIANTUM	1 00
SMILAX, doz., $1 50-1 75	
LEUCOTHOE	75

WILD SMILAX!

"PARLOR BRAND"

We are strictly HEADQUARTERS for the BEST WILD SMILAX. No better goods to be had, and a large supply constantly on hand. Can fill the largest orders without notice. Telegraph or Telephone; "we do the rest."

25 lb. case	$3 00
35 lb. case	4 00
50 lb. case	5 00

"Green Goods" of all kinds, Mahonia, Leucothoe, Galax, Ferns.

KENNICOTT BROS. CO.

Wholesale Commission Florists

40-42-44 Randolph Street, CHICAGO

L. D. Phone Central 466.

60,000 GRAFTED ROSE PLANTS 60,000

We are now grafting on the best English Manetti the above amount of all selected flowering wood ready for delivery April 1st, in 2½-inch pots, well established and hardened off.

BRIDES and BRIDESMAIDS, per 100, ... $10.00
LA DETROIT, GEN. MacARTHUR and LIBERTY, per 100, ... 12.00

Rooted Cuttings

BRIDE, BRIDESMAID and CHATENAY, per 100, . $1.50
PERLE and LIBERTY, per 100, ... 2.50

CARNATIONS

ROOTED CUTTINGS NOW READY

	Per 100		Per 100		Per 100
Gov. Wolcott	$2 00	Joost	$2 00	Estelle	$2 00
White Cloud	2 00	Enchantress	3 00	Gaiety	2 00
Norway	2 00	Crusader	4 00	Prosperity	2 00
Mrs. Lawson	2 00	Crane	2 00	Flamingo	5 00
Morning Glory	2 00	America	2 00		

ALL PLANTS SHIPPED FROM HINSDALE

BASSETT & WASHBURN

Greenhouses, HINSDALE, ILL.——Office and Store, 76 WABASH AVE., CHICAGO

WE CAN SUPPLY YOU — WRITE US FOR PRICES

CARNATIONS!

White Lawson, Flamingo, Lady Bountiful, Nelson Fisher, Crusader and others.

ROSES

La Detroit, American Beauty, Mildred Grant, Gen. MacArthur, Liberty, Bride, Maid, Perle, Sunrise, Mme. Hoste, Mme. Cusin, Bon Silene, Papa Gontier, Kaiserin

CHRYSANTHEMUMS

The 3 Grand New Commercial Varieties, MAJESTIC, ADELIA and MADONA

SNAPDRAGONS

GIANT PINK, White and Yellow

JOHN BREITMEYER'S SONS, Detroit, Mich.

GRANDEST SCARLET EXTANT

ROBERT CRAIG!

1906

THE HABIT of this grand new variety is superb. It is a stronger grower than Enchantress and just as free. Comes into bloom September 1st and earlier if desired, the first blooms being **three inches in diameter**, on 24-inch stems. Later in the season the **blooms average 3¾ inches**.....

Its Merit Is Being Demonstrated

FIRST Prize at Philadelphia Exhibition for Best 50 Seedling Carnations.

FIRST Prize for Best 25 American Seedlings, winning the Robert Craig Silver Cup.

In winning this Cup, the **Robert Craig Carnation** demonstrates its right to the title of the **BEST AMERICAN SEEDLING EXTANT.**

FIRST Prize at Chicago for Best 100 Scarlet.
FIRST Prize at Chicago for Best 20 Scarlet Seedling.

And This is Not All. Here Are More of Our Specialties

	Per 100	Per 1000
LIGHT PINK—		
Enchantress	$ 4 00	$ 30 00
WHITE—		
Lieut. Peary	12 00	100 00
The Belle	6 00	50 00
Gov. Wolcott	3 00	20 00
Boston Market	3 00	20 00
Lady Bountiful	6 00	50 00
White Lawson	7 00	60 00
DARK PINK—		
Nelson Fisher	$7 00	$60 00
Mrs. E. A. Nelson	3 00	25 00
Mrs. T. W. Lawson	2 00	15 00
Ethel Ward	6 00	50 00
SCARLET—		
Flamingo	6 00	50 00
Estelle	3 00	25 00
Adonis	4 00	30 00
CRIMSON—		
Octoroon	$6 00	$50 00
The President	6 00	50 00
Harry Fenn	3 00	25 00
VARIEGATED—		
Mrs. M. A. Patten	6 00	50 00
Prosperity	2 50	20 00

You can prove all our claims by buying and growing them. We ship fancy blooms to all parts of the United States. Cuttings to all parts of the world.

J. D. THOMPSON CARNATION CO.

JOLIET, ILLINOIS.

Some Exceptionally Good Values in

DECORATIVE PLANTS!

This stock is of as good quality as it is possible to produce, sure to satisfy the most critical trade. Stuff such as this we have never before offered in such large quantities.

Kentia Belmoreana,	9-inch pots,	44 to 48 inches high, 7 to 8 leaves	$6.00 each
" "	10 "	46 to 50 inches high, 7 to 8 leaves	7.50 each
Kentia Forsteriana,	9 "	46 to 48 inches high, 5 to 6 leaves	6.00 each
" "	10 "	48 to 56 inches high, 6 to 7 leaves	7.00 each
***Latania Borbonica,**	8 "	30 to 34 inches high, 7 to 8 leaves	1.50 each
†**Phoenix Canariensis,**	8-inch pots,	38 to 42 inches high, 10 to 12 leaves	2.50 each
Pandanus Utilis,	5-inch pots		5.00 doz.
" "	6 "		9.00 doz.

*$15.00 per doz. †$30.00 per doz. SEND FOR COMPLETE PRICE LIST.

THE GEO. WITTBOLD CO.

1657 Buckingham Place, ESTABLISHED 1857. CHICAGO

WHAT WE CLAIM FOR OUR NEW RED ROSE

RICHMOND

That It is the Best Red Forcing Variety yet Produced.

1st. It is of strong and rapid growth, more vigorous than any other forcing variety in commerce.

2nd. It comes to perfection without special care or culture and can be grown in the same soil and temperature and with the same treatment given to Bride and Maid.

3rd. It ships perfectly, as it can be cut very tight and develops as well off as on the bush.

4th. Has very near the same tone of color as Liberty, with more scarlet and does not blue with age.

5th. This variety is nearly a pure tea, being seeded from LADY BATTERSEA, fertilized by LIBERTY, and as a result has shown no tendency toward going dormant in mid-winter, at which time the variety is at its very best.

6th. Produces freely throughout the year, long pointed buds on tall straight stems with elegant dark foliage.

7th. Is as easy to root, and grafts as readily as Bride or Maid.

8th. Has as delicious a fragrance as American Beauty.

Was awarded the silver cup at the World's Fair for best seedling rose and a special silver cup at Chicago for best seedling. Prices, own root—100 plants for $30; 250 for $70; 1000 for $250. 500 at 1000 rate.

ROSALIND ORR ENGLISH

OUR P.NK SEEDLING from Mme. Chatenay is unapproached in color; the bud is pointed, quite full, borne on long slender stems, beautifully set with foliage, free in growth and bloom; the flower is very beautiful from its earliest bud form till fully expanded. Was awarded certificate of merit at the Chicago Show; $25 00 per 100, $200 per 1000. **Both these Varieties are easy to propagate and easy to grow. Come and see them at home.**

CARNATIONS

The best big-flowered, general-purpose Scarlet Carnation now before the trade is **CARDINAL,** color superb, texture perfect, in vigorous health and of splendid habit. Also FIANCEE and F. BURKI. All three at $12 00 per hundred, $100 per thousand.

CHRYSANTHEMUMS

Among the new varieties which we had on trial for this year are some magnificent sorts, nine of which have been awarded certificates, viz.: **Clementine Touset,** the big early white Chadwick, October 8; **Dr. Galloway,** mid-season incurving white; **Mlle. Jeannie Nonin,** very late white, winner of the Sweepstakes and Silver Cup at Chicago as best New Mum of the year. These three sorts are marvelously fine commercial varieties in pure white, NONIN probably ranking as the finest Mum extant, regardless of date of blooming. Besides these are: **Reveil de Begles,** early commercial yellow; **Roi d' Italie,** early commercial yellow; **Anna Debono, Mme. E. Lemoine, Prefet Bonoourt, Souv d' Calvat Pere,** four grand exhibition whites. Besides these we have: **The Wells-Pockett Set** for 1905; **The Australians** of the year; **The Marquis of Pins Set, M Calvat's Fine Sorts,** the best of **Nonin's, Bruant's** and **Rozain's.**

All at 50c each; $5.00 per doz.; $35.00 per 100, except Mrs. Wm. Duckham, which is 75c each; $7.50 per doz.; $50.00 per 100

SEND FOR CURRENT TRADE LIST.

The E. G. HILL CO., Richmond, Ind.

THE PRIZE WINNING CARNATIONS

CAN BE SEEN GROWING IN OUR

Greenhouses at Joliet

You are Cordially Invited to Inspect Them

We are not only HEADQUARTERS for, but have the largest stock of the following varieties:

ROOTED CUTTINGS	Per 100	1000
"Fiancee," clear pink,	$12.00	$100.00
"The Cardinal," scarlet,	12.00	100.00
White Lawson,	7.00	60.00
Lady Bountiful,	6.00	50.00
Enchantress, flesh pink,	4.00	30.00
Harlowarden, crimson,	3.00	25.00
Dorothy Whitney, yellow variegated,	4.00	30.00
Mrs. M. A. Patten, white variegated,	5.00	40.00
Mrs. Thos. W. Lawson, dark pink,	2.00	15.00

WATCH OUR ADVERTISEMENT IN NEXT ISSUE

CHICAGO CARNATION CO., Joliet, Ill.

JAMES HARTSHORNE, Manager.

PETER REINBERG

THE LARGEST GROWER OF

CUT FLOWERS!

51 Wabash Ave., CHICAGO

Our Immense Establishment in Roses and Carnations gives us unequalled facilities for the propagation of clean, healthy stock in any quantity desired. : : : : : : : : : : : :

ROSES!

Rooted Cuttings

	Per 100	Per 1000
CHATENAY	$2.50	$20.00
UNCLE JOHN	2.50	20.00
BRIDESMAID	1.50	12.50
BRIDE	1.50	12.50
IVORY	1.50	12.50
PERLE	1.50	12.50

From 2 1-2 inch Pots.

	Per 100	Per 1000
RICHMOND	$30.00	$250.00
ROSALINDORR ENG.	25.00	200.00
LA DETROIT	6.00	50.00
CHATENAY	4.00	30.00
SUNRISE	4.00	30.00
PERLE von Godesberg.	5.00	40.00

	Per 100	Per 1000
LIBERTY	$5.00	$45.00
UNCLE JOHN	4.00	35.00
KAISERIN	4.00	30.00
BRIDESMAID	3.00	25.00
BRIDE	3.00	25.00
IVORY	3.00	25.00
PERLE	3.00	25.00

CARNATIONS, Rooted Cuttings.

WHITE—	Per 100	Per 1000
CHICAGO WHITE	$12.00	$100.00
THE BELLE	5.00	45.00
LADY BOUNTIFUL	5.00	45.00
BOSTON MARKET	2.50	20.00
QUEEN LOUISE	1.00	9.00
FLORA HILL	1.00	9.00
PERU	1.00	9.00

RED—	Per 100	Per 1000
RICHMOND GEM	$10.00	$75.00
CRUSADER	5.00	45.00
ADONIS	2.50	20.00
ESTELLE	1.50	12.50
LIGHT PINK—		
PHYLLIS	12.00	100.00
ENCHANTRESS	3.00	25.00

LIGHT PINK—	Per 100	Per 1000
MORNING GLORY	$1.50	$12.50
HIGINBOTHAM	1.00	9.00
PINK—		
INDIANAPOLIS	5.00	45.00
NELSON	1.50	12.50
LAWSON	1.50	12.50
JOOST	1.00	9.00
GUARDIAN ANGEL	1.00	9.00

All goods sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

PETER REINBERG, Telephone 2846 Central, 51 WABASH AVE., CHICAGO



VIEW OF ONE OF OUR PROPAGATING HOUSES FOR CARNATIONS.

ROOTED CUTTINGS!

Our Carnations are not excelled for quality by anything in the Chicago CUT FLOWER MARKET, and we have a wonderfully vigorous, clean, healthy growth on all our varieties. No spot, rust or stem-rot. Every Cutting we sent out last year gave good satisfaction, and stock will be even better this year. Every Cutting well rooted when shipped.

THESE VARIETIES NOW READY

PINK	100	1000
MRS. LAWSON	$1.50	$12 50
GUARDIAN ANGEL	1.00	9.00
LIGHT PINK	**100**	**1000**
ENCHANTRESS	$3.00	$25.00
MORNING GLORY	1.50	12.50
HIGINBOTHAM	1.25	10.00

RED	100	1000
CHICAGO (Red Bradt)	$2.00	$15.00
ADONIS	2.50	20.00
ESTELLE	1.50	12.50
WHITE	**100**	**1000**
WHITE CLOUD	$1.25	$10.00
HER MAJESTY	1.50	12.50
FLORA HILL	1.00	9.00
CRIMSON	**100**	**1000**
HARLOWARDEN	$1.50	$12.50

Cash with order or references from unknown parties.

EVERY ORDER shipped with the distinct understanding that it is to be returned at once if stock is unsatisfactory, when money will be promptly refunded.

WIETOR BROS.

WHOLESALE GROWERS OF CUT FLOWERS

51 Wabash Avenue, CHICAGO

VICTORY!

To be Disseminated 1906; per 100, $12; per 1000, $100; 250 at 1000 Rate

A True and Brilliant Scarlet is what is demanded. See **VICTORY** and be convinced that it is the Freest Blooming Carnation in existence, never off crop, has grand stem and does not burst, no grass, every shoot comes to flower. The best shipper and keeper ever introduced; has demonstrated these qualities at St. Louis, Chicago, Boston and New York flower shows, where certificates of merit were awarded. A bread-and-butter Carnation in every sense of the word. See **VICTORY** grow before you buy; do not lose the present opportunity for securing the FIRST STOCK.

ADDRESS ALL CORRESPONDENCE TO 52 W. 29TH ST., NEW YORK CITY

Place Your Orders for Rooted Cuttings of

	Per 100		Per 100
White Lawson	$6.00	Mrs. Patten	$6 00
Nelson Fisher	6 00	Goethe, light pink	2 50
Enchantress	3 00	Lord	2 50
Prosperity	3 00	Manley	3 00
The Belle	6 00	Maceo	1 50
Lady Bountiful	6 00	Cervera, var	2 00
Harry Fenn	2.50	Laweon	2 00

Send Your Orders Early.

Five per cent discount for cash with order.

GUTTMAN & WEBER

52 WEST 29TH STREET, NEW YORK

LYNBROOK, L. I.

CARNATIONS

Rooted Cuttings Now Ready.

Eclipse Our 1905 introduction. A pink carnation, lighter in color than Lawson and of a more even and bright shade of pink. No objectionable shading or bleachings. A strong free growth, large flowers on long stiff stems and early and continuous flowering.

Fiancee A most pleasing shade of medium pink No carnation has ever equalled the number of awards received by this variety.

Cardinal Brilliant Scarlet. A great improvement over Estelle.

F. Burki Pure white. **The above four varieties, $12 per 100; $100 per 1000.**

Richmond Gem Scarlet, $10.00 per 100; $75 00 per 1000.

Lady Bountiful and The Belle The two best commercial white carnations of the present day. Both have received honors over competitors at the fall exhibitions. We have large stocks of these two varieties which are already in great demand. Do not delay in placing your order for early delivery. $6.00 per 100; $50.00 per 1000; $112.50 per 2500.

WHITE LAWSON, $7.00 per 100; $60.00 per 1000.

FLAMINGO. NELSON FISHER and MRS. M. A. PATTEN, $6.00 per 100; $50.00 per 1000.

CRUSADER INDIANAPOLIS, JUDGE HINSDALE and THE PRESIDENT, $5 00 per 100; $40.00 per 1000.

ENCHANTRESS, $3.00 per 100; $25.00 per 1000.

In addition to the above we can supply twenty-five of the best standard sorts, varieties that are profitable to grow. Our preliminary Price List will be sent upon application. We are pioneers in the carnation line and our facilities for rooting and handling cuttings are nearly perfect, due to our long experience.

F. DORNER & SONS CO., LA FAYETTE, IND.

CARNATIONS!

NOVELTIES OF THE SEASON

VARIEGATED LAWSON—This variety, introduced by us this season, is sure to meet with popular favor. It is a sport from MRS. THOS. W. LAWSON, pure ivory white, with delicate carmine pencilings. Mr. W. N. Craig, an authority on everything pertaining to horticulture, states that he believes this will outbloom the favorite, MRS. M. A. PATTEN, two to one. For some reason or other, the stem seems to be longer than that of MRS. THOS. W. LAWSON, and the flowers are less inclined to burst. It is a beautiful variegated variety, and one that is sure to be in demand on account of its delicate pencilings. It is superb in every respect. Our exclusive purchase of this variety has created a sensation in the daily press of the country. Per hundred, **$12.00;** per thousand, **$100.00.**

FIANCEE—The Queen of Pink Carnations—In a class by itself. Magnificent flowers; strictly fancy in every respect. Per hundred, $12.00; per thousand, $100.00.

CARDINAL—Bright Cardinal or Crimson-Scarlet. Per hundred, $12.00; per thousand, $100.00.

FRED BURKI—Recommended as an extra free-blooming white variety and a claimant for popular favor. Per hundred, $12.00; per thousand, $100.00.

THE BEST OF LAST SEASON'S NOVELTIES
AND OLDER STANDARD SORTS

WHITE LAWSON—We consider this variety, which we introduced last season, the Finest White Carnation ever sent out. It has given great satisfaction. When left on the plants until fully developed, the flowers are much larger than MRS. THOS. W. LAWSON. Nothing excels it for freedom of bloom, fine keeping qualities, and general all-round value. We believe that this will occupy among White Carnations the same place that MRS. THOS. W. LAWSON does among pinks. Remember that we are headquarters for it. Splendid stock ready for immediate delivery. Per hundred, $7.00; per thousand, $60.00.

DAHEIM—A fine crimson introduced by us last year, with the style and habit of MRS. THOS. W. LAWSON; might be called a CRIMSON LAWSON; as it has all the characteristics of that variety as far as freedom of flowering, habit of growth, etc., are concerned. It has grand, stiff stems, calyx never bursts, and it is a free and abundant bloomer, developing very quickly. We believe this to be the best all-round Crimson Carnation. Per hundred, $6.00; per thousand, $50.00.

LADY BOUNTIFUL—A magnificent white of last season's introduction. Per hundred, $6.00; per thousand, $50.

ENCHANTRESS—This magnificent Carnation is unequaled for size, beautiful color light, silvery pink and freedom of bloom. It brings the very highest market prices, and is in great demand. Per hundred, $4.00; per thousand, $35.00.

MRS. M. A. PATTEN—This grand variegated Carnation has given splendid satisfaction. Per hundred, $6.00; per thousand, $50.00.

MRS. THOS. W. LAWSON—The Standard Dark Pink—Per hundred, $3.00; per thousand, $25.00.

PROSPERITY—A magnificent fancy sort, entirely distinct from others. A sterling variety. Per hundred, $3.00; Per thousand, $25.00.

We are also pleased to announce that we have been appointed distributing agent for the sale of **VICTORY**, and that all orders for this variety should be sent direct to us. We are now prepared to book orders for this variety **for delivery, Spring, 1906.** We have watched this Carnation for some time, and believe that it is the best scarlet ever offered, with good stems, flowers of the largest size; a magnificent keeper and shipper, and an exceedingly free and early bloomer. While the flowers of this variety are of the largest size, and it will rank in the fancy class, its freedom of bloom and general good qualities will make it a bread-and-butter scarlet. There is a great demand for a good scarlet at the holiday time, and the flowers of this variety brought 25 cents each last Christmas, which is an indication of its popularity.

STRONG ROOTED CUTTINGS, DELIVERY NEXT SEASON, per 100, $12.00; per 1000, $100.00

F. R. PIERSON CO.

TARRYTOWN-ON-HUDSON, NEW YORK

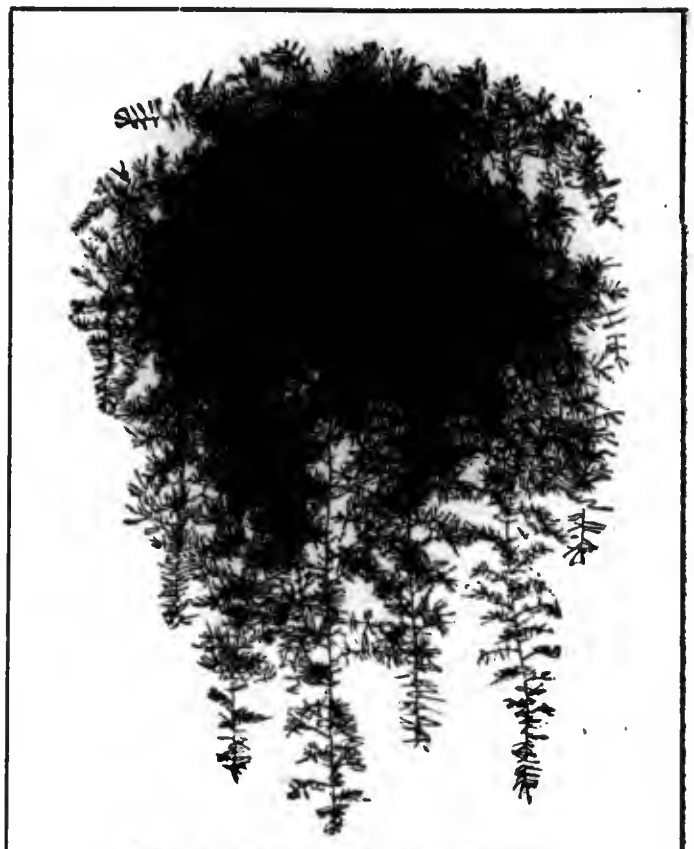
Dreer's New Crop Reliable Flower Seeds.

The following is a short list of Flower Seeds which should be sown early to make nice plants for spring sales. For a complete list see our Wholesale Catalogue for January, copies of which have been sent to all florists.

Ageratum Blue Perfection—Dark blue.....trade pkt., $0.15 per oz., $0.50
Asparagus Plumosus nanus—True .....per 100 seeds, $1.00; per 1000 seeds, 7.00
" **Sprengeri**.....per 1000 seeds .75; per 5000 seeds, 3.00
Begonia Vernon.....trade pkt., $0.25
" " **grandiflora**..... " .25
" **Gracilis**—Rose..... " .25
Browallia Speciosa major..... " .50
Centaurea Candidissima.....per 1000 seeds, .25 per oz., 1.50
" **Gymnocarpa**..... " " .15 " .35
Cineraria Maritima candidissima.....trade pkt., .10 " .20
" " **acanthifolia**..... " .20 " .75
Cyclamen Persicum—Mixed..... " .40 " 2.50
" **Giganteum—White, Rose, Blood-red** or **White with red eye**.....per 100 seeds, $0.75; per 1000 seeds, 6.00
Cyclamen Giganteum—Mixed..... " .60; " 5.00
Heliotrope, Lemoine's Giant—Mixed.....trade pkt., $0.40 per oz., 2.00
Ipomœa grandiflora—Moonflower..... " .15 " .50
Lobelia, Crystal Palace Compacta—True..... " .30 " 1.25
" **Speciosa**—Dark blue trailing..... " .15 " .50
" **Gracilis**—Light blue trailing..... " .15 " .40
Nicotiana Sanderæ—The new red-flowering.....per packet, .17 7 packets, 1.00

	Trade pkt.	Per oz.
Pansy, Royal Exhibition Mixture—The finest money can buy	$0.50	$8.00
Pansy, Premium—Next to our Royal Exhibition the finest mixture	.50	4.00
Pansy, Giant Trimardeau—A fine mixture large flowers	.25	1.00
Petunia, Dreer's Superb Double Fringed.per 500 seeds, 75c; 1000 seeds, 1.50		
" " " **Single** "	$0.50	
Phlox Drummondi grandiflora—Mixed	.15	$0.40
" " **Large-flowering Dwarf**—Mixed	.20	.75
" " **Nana compacta**—Mixed	.30	1.50
Pyrethrum Aureum—Golden Feather	.10	.25
Salvia Splendens—Scarlet Sage	.25	1.00
" " **"Bonfire"**—Fine compact	.40	2.25
" " **"Burning Bush"**—Very large flowers	.30	1.50
Smilax.....¾ lb., $1.00	.10	.30
Solanum Capsicastrum—Jerusalem Cherry	.10	.25
Stocks, Large-flowering, 10-weeks—In separate colors	.40	2.50
" " " Mixed	.30	2.00
" **Cut-and Come-Again**—In separate colors	.50	
" " " " " Mixed	.50	2.50

Sweet Peas—Fifty of the finest kinds in cultivation. See Wholesale Price List.
Thunbergia—Mixed.....trade pkt., $0.10 per oz., $0.50
Verbena, Dreer's Mammoth—White, pink, scarlet, purple or striped..... " .30 " 1.50



ASPARAGUS SPRENGERI.

Verbena, Dreer's Mammoth—Finest mxd..trade pkt., 25c, oz., $1.00

HENRY A. DREER, 714 Chestnut Street, PHILADELPHIA, PA.

RED SPROT } OF MACEO { The NEW "BREAD and BUTTER" Brilliant Red Commercial Carnation

WHAT SOME OTHER PEOPLE SAY ABOUT IT:

WASHINGTON D. C. December 19, 1904.
1214 F. Street, N. W.

A. B. DAVIS & SON, Purcellville, Va.

GENTLEMEN:—Please make our order for rooted cuttings of **RED SPORT** 2000 instead of 1000.

The blooms you sent in today were certainly very fine. We have been watching this promising new red for three years and the more we see of it and the longer we sell it over the counter the better we like it.

We do not make a practice of going in very strong on the new varieties the first year they are sent out, but after seeing **RED SPORT** growing and blooming at your place last Tuesday, we are convinced it is a great Christmas carnation, and an all around money maker, and we wish to increase our order as stated above.

Yours very truly, A. GUDE & BRO.

CHICAGO, FEBRUARY 8, 1904.

A. B. DAVIS & SON, Purcellville, Va

GENTLEMEN:—Your letter and **RED SPORT** of Maceo came to hand Friday. We waited to see how carnations would keep before writing you.

The color and keeping qualities are the best and if it blooms as freely as Maceo it is a good one. Very respectfully yours,

BASSETT & WASHBURN.

KENNETT SQUARE, PA., October 14, 1904.

A. B. DAVIS & SON, Purcellville, Va.

DEAR SIRS:—Yours 12th at hand and I will be glad to include your **RED SPORT** of Maceo in our list and believe it will meet with good sale. You may book my order for 2500 of them to start with. I think you have a good thing and congratulate you.

Very truly, WM. SWAYNE.

WHAT WE HAVE TO SAY ABOUT RED SPORT:

This new "Bread and Butter" commercial brilliant Red Carnation, now in its fourth year, has the hardy constitution of Gen. Maceo, with a stronger, heavier growth, longer and stiffer stem and larger flower. Growing under the same conditions and in the same house with Flamingo and Estelle, it has produced four times as many flowers as the former and twice as many as the latter. The color is as good as Estelle and the bloom brings as much as does Estelle at its best. Every flower is of a uniform, brilliant red, perfectly double, with an ideal calyx; in fact we have never seen a split one.

RED SPORT is perfectly healthy, an easy variety to grow, an early and continuous bloomer, throwing its heaviest cuts around the Christmas Holidays and during the winter months, when red is in demand. **RED SPORT** will keep longer and travel farther than any other red carnation and will prove a bonanza to growers doing a shipping business. If the scarcity of reds in the market that now exists continues, **RED SPORT** will pay better to the square foot of bench room than any other variety of any color to date.

Every florist who has seen RED SPORT growing has placed an order for rooted cuttings, which tells the tale.

All our rooted cuttings are sold until January 25. Orders filled in strict rotation from above date on. Prices, 12 for $1.50; 25 for $2.50; 50 for $4.00 postpaid. $6.00 per 100; $50.00 per 1000 by express. We guarantee cuttings to be well rooted and to arrive in good condition.

A. B. DAVIS & SON, Carnation Specialists, Purcellville, Va.

THE NEW SCARLET SEEDLING

ROBERT CRAIG

(WARD)

HAS BEEN AWARDED THE FOLLOWING HONORS:

PRELIMINARY CERTIFICATE.....AMERICAN CARNATION SOCIETY
SPECIAL DIPLOMA.....AMERICAN INSTITUTE OF NEW YORK
FIRST-CLASS CERTIFICATE OF MERIT.....MASS. HORTICULTURAL SOCIETY
FIRST-CLASS CERTIFICATE OF MERIT.....PENN. HORTICULTURAL SOCIETY
FIRST-CLASS CERTIFICATE OF MERIT.....NEW YORK FLORISTS' CLUB
CRAIG CUP, for best undisseminated Seedling.....PHILADELPHIA
G. HARTMAN KUHN SPECIAL PRIZE, for best undisseminated Seedling.....PHILADELPHIA

The largest, strongest stemmed, most vigorous, healthiest growing, most fragrant, and the best **Fancy Commercial Scarlet Carnation** produced to date. Ranks with Enchantress and Fiancee, having defeated the latter variety in all competitions at Philadelphia. Will be ready for delivery on December 1st, 1905, at $12.00 per 100; $100.00 per 1000. Orders, subject to buyer's cancelation if dissatisfied with variety up to December 1, 1905, received now and shipped in rotation; **200,000 already entered.** Will plant 45,000 stock plants from which to select cuttings of this variety.

ANY ONE CAN GROW IT—SELLS ITSELF

THE BEST WHITE CARNATION IS

LIEUT. PEARY (WARD)

(CERTIFICATED 90 POINTS)

Snow white, strong clove fragrance; full, broad-petalled, high-centered flower of fine symmetrical form, 3 inches in diameter, borne on strong, stiff stems, 18 inches and upwards in length. Long, strong calyx, flower excellent keeper and shipper; very vigorous, strong, healthy habit; cuttings root readily. Commences blooming October 15th, and continues steadily throughout the winter, affording a fine yield. First-class commercial variety in every respect.

Per 100, $12.00; per 1000, $100.00

READY FOR IMMEDIATE DELIVERY

		100	1000
3,000	ETHEL WARD	$7 00	$60
2,000	THE PRESIDENT	7 00	60
2,000	WHITE LAWSON	7 00	60
5,000	ENCHANTRESS	4 00	30
2,000	CHRISTMAS EVE	4 00	30
2,000	GOLDEN EAGLE	5 00	40
1,000	HARRY FENN	3 00	25
5,000	LAWSON	3 00	25
2,000	PROSPERITY	2 00	15

		100	1000
3,000	MACKINAC	$6 00	$50
2,000	THE BELLE	6 00	50
2,000	LADY BOUNTIFUL	6 00	50
3,000	JUDGE HINSDALE	6 00	50
2,000	MRS. PATTEN	6 00	50
2,000	NELSON FISHER	6 00	50
2,000	OCTOROON	6 00	50
2,000	FLAMINGO	6 00	50

50 OF A KIND AT 100 RATE; 250 OF A KIND AT 1000 RATE

Carnation Catalogue with descriptions of above varieties, also our Nursery Book of Specimen Trees and Shrubs sent for the asking. ☞ Send your orders early, and remember 5 per cent Discount for Cash with same.

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APRIL 23, 1905

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	Per 100
Spiraea Japonica	$4.00
" comp. multi	5.00
" Washington	12.00
" Gladstone	12.00
Deutzia Gracilis	15.00
" Lemoinei	15.00
Lilacs, forcing variety	45.00
Azalea Mollis extra	35.00
" standards	75.00
Rhododendrons, best hybrids, $1.00 and up, each.	
Crimson Ramblers, extra	15.00
H. P. Roses, best variety	10.00

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New Crop Flower Seeds

Asparagus Pl. Nanus, 100 seeds, 60c; 1000, $5.00.
Begonia Vulcan and Bonfire, trade pkt., 25c.
Cyclamen Giganteum, 100 seeds 60c; 1000, $5.00.
Petunia Fimbriata Grandiflora, td. pkt., 50c.
" " " dbl., " $1.00
Salvia Bonfire, trade pkt., 25c; oz., $2.25.
Salvia Splendens, trade pkt., 20c; oz., 90c.
Stocks, Dwarf, 10 weeks, td. pkt., 25c; oz., $2.75.
Verbena Mammoth, td. pkt., 20c; oz., $1.00.
Fresh Tobacco Stems, bale of 300 lbs. $1.50.

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	100	1000
Asparagus Plumosus Nanus Seed	$0.60	$5.00
" **Decumbens**, fine for cutting	.50	4.00
" **Plumosus Robustus** (new)	1.00	9.00
" **Scandens Deflexus**, extra fine for hanging baskets	1.25	10.00
Asparagus Sprengeri	$0.15	$0.75
Kentia Belmoreana or **Forsteriana**	.50	4.00
Cocos Weddelliana	.75	6.00
Phoenix Reclinata	.50	4.00
" **Canariensis**	.25	2.00

Sow now FLOWER SEEDS

	Tr. pkt.	¼ oz.	oz.
Asters, Queen of Market, separate colors or mixed	$0.10	$0.20	$0.60
Asters, Semple's Branching, separate colors or mixed	.10	.20	.60
Asters, Early Hohenzollern, white or rose	.25	.40	1.50
Begonia Vernon	.25		
Cyclamen Persicum Giganteum, white, rose, blood red, white with red eye, 100 seeds, 75c; 1000 seeds, $6.00; mixed, 100 seeds, 60c; 1000 seeds, $5.00.			
Lobelia Crystal Palace	.25	.40	1.25
Nicotiana Sanderae, redflowering, new	.15		
Pansy, Berger's Never Fail, Try it, all sorts, all colors	.25	1.00	3.00
Petunia, Giants of California	.25		
" superb double fringed, per 100 seeds, 20c; 1000 seeds, $1.50.			
Salvia Splendens, Bonfire	.25	.75	2.50
" **Clara Bedman**, finest dwarf, extra large flowers	.25	.65	2.25
Stocks, giant flowering, 10 weeks	.25	.75	2.50

	Tr. pkt.	¼ oz.	oz.
Verbena Mammoth, in separate colors	$0.25	$0.40	$1.25
Verbena Mammoth, mixed	.15	.30	1.00
Sweet Peas, the finest florists' sorts. Send for list.			
LILY OF THE VALLEY—Empress Brand, unexcelled. 1000, $14.00; case 2500, $30.00.			
Gladioli, Colvillei Alba, The Bride, pure white to clear, a few 1000 left	100 $0.60	1000 $5.00	
Gladioli May, white and rose, finest forcer	1.75	15.00	
Gladioli Augusta, large white	4.00	35.00	
	12	100	
Peonies, rare Japanese herbaceous	$4.50	$35.00	
Peonies, Tree sorts for Easter forcing	Each, 50c	5.00	40.00
Japan Hydrangeas, bright blue, rose	Each, 40c	4.50	
Hydrangea Rosea, beautiful novelty	Each, $1.00	10.00	
Fancy Caladium, brilliant coloring, all named sorts		1.25	8.00
Fernballs, 7 and 9 in.	Each, 30c	3.00	22.00
Fern Designs—Frogs, monkeys, full rigged ships, Chinese lanterns, turtles, log-cabins. In proportion. Each, 80c; doz., $9.00.			

Send for our new complete Spring list of Seeds, Bulbs, Shrubs, Etc.

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from the Philippine Islands for sale at one quarter of cost. These will make beautiful decorations as well as leaves for large plants.

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THE CHICAGO CONVENTION

The American Carnation Society Holds a Successful Meeting and a Splendid Exhibition.

President, Peter Fisher, Ellis, Mass.
Vice-President, A. H. Dunlop, Toronto, Ont.
Secretary, Albert M. Herr, Lancaster, Pa.
Treasurer, Fred. Dorner, Jr., Lafayette, Ind.

PLACE OF MEETING FOR 1906, BOSTON, MASS.

What can we do to propitiate the God of Storms? Since time immemorial the weather man has been safe in forecasting the choicest samples of cold and snow for that spot of all others in our whole great country known to be favored by the American Carnation Society for its annual meeting. This year was no exception to the rule, but thanks to favoring train schedules no exhibitor was so late as to be debarred from staging his stock save Richard Witterstaetter, whose train was behind a wreck due to the storm and who arrived at 1:15, six hours late, with one of the grandest lots of blooms ever brought to an exhibition.

Most of the exhibits came in on the early morning trains, a couple of hours late, but by 10 o'clock the exhibition hall in the Auditorium was a scene of such activity as is only witnessed when a great exhibition is to be staged under pressure of time. By 1 o'clock all was in readiness and the hall cleared for the judges, who were W. N. Rudd, Wm. Nicholson and Eugene Dailledouze, the latter taking the place of Wm. Scott, who was prevented by illness from being present.

The great banquet hall is an ideal spot for such an exhibition as that of this week and the display was worthy of the great industry which it represents. In quantity of stock exhibited it did not more than equal the record set last year at Detroit, but for quality it has never been approached. Indeed, in point of quantity nothing was left to be desired, for the room was filled. Competition was keener than ever before. In the class for 100 white there were eleven entries, but only four varieties were represented, and the quality of each exhibit was of the very best. It was noteworthy that Lady Bountiful and Wolcott defeated White Lawson. In the class for 100 pink there were eight exhibits, six of which were Mrs. Lawson, which won both premiums. Possibly more interest centered in the reds than in any other of the general classes. Five varieties were shown, first premium falling to Cardinal and second to Robert Craig. There were also five entries for the Lawson medals and five better vases were never shown in any exhibition. The gold medal fell, as last year, to Fiancee, the silver medal to Robert Craig and the bronze medal to My Maryland, the splendid white brought from so great a distance by H. Weber & Sons. The Chicago Carnation Co. was the largest exhibitor and largest prize winner.

A feature of the exhibition was the preponderance of what may be termed new sorts. Not a great many varieties which have been on the market more than a year or two were shown, and there were dozens of seedlings never before exhibited to the American Carnation Society. The attendance was up to the best previous records and the hall was comfortably filled by critical growers, the general public not being admitted.

The first business session was called to order at 8:30 Wednesday evening, by President Rudd, of the Chicago Florists' Club, who introduced Howard S. Taylor, City Prosecutor, and the Mayor's personal representative. He said that in Chicago forty-three languages are spoken, and he was delegated, and desired to be understood as welcoming the society in every one of them. Mr. Taylor spoke most entertainingly for fifteen minutes.

E. G. Hill was introduced to respond to the address of welcome and was given a greeting which bespoke his wide popularity in the trade. He spoke briefly and pledged good conduct in return for the liberties extended by the city's representative.

Mr. Rudd then introduced President James Hartshorne, who after acknowledging his reception, read his address, which was as follows:

President's Address.

What little I wish to say to you must be fragmentary, owing to my desire to avoid boring you with a tiresome address. We meet today in our fourteenth annual convention. My predecessor has said, did he believe in signs and omens, he would be fearful of the success of his, the thirteenth annual meeting. Now, I would say, were I a believer in them, I would be fearful of what was going to happen to me, as I have the honor of being your thirteenth president, but if I may judge from the many old-time faces before me and such a goodly sprinkling of enthusiastic new ones, the welfare of our society and the success of this meeting is not going to suffer on that account. Some of you have come a thousand miles or more to pay homage to, dare I say, the queen? Well, to many of us the carnation is queen of flowers.

This society has done a great work since its organization in promoting these exhibitions, offering prizes and certificates for new as well as old carnations, thus making our hybridists work harder than ever to keep pace and meet the ideals of our judges. Without this society, I am afraid we would still be plodding along in a marking-time fashion, as we were fifteen to twenty years ago. It is just fourteen years ago since the dissemination of the once great carnation, Daybreak, which really marked a new era in carnationdom. While several good varieties made a bid for our favor in the following year, it was nine years before Mr. Fisher gave us Mrs. Lawson, the next real sensation. After that came Prosperity, a variety that is still in a class by itself on account of its distinct-



Peter Fisher, Ellis, Mass., President-Elect American Carnation Society.

iveness. Then came Enchantress and now Lady Bountiful and Fiancee. Therefore it looks to me from now on it is reasonable to expect a new wonder about every year.

While we cannot all raise a wonder, each individual member of this society can take some share of the credit for what has been done in advancing the carnation in general, for you support the society and the society enthuses and stimulates the hybridizer to keep pegging away.

That gentleman is now having some valuable help from the sportive tendencies of what were at one time his seedlings, but now good standard varieties. The Mrs. Lawson, for instance, has given us the White Lawson. There is no question but what this variety, now thoroughly fixed, will become a valuable standard. It originated in two or three different establishments, and I believe each one of them is conceded to be identical with the other. It was a good thing for the trade when the owners of these several sports got together and agreed on one name for all of them.

There are several other sports which I believe identical in every respect with each other, now being registered with the society under different names. This should be stopped, as it only causes confusion to the trade in general.

A matter that has been discussed pro and con in our past conventions is one relative to judging seedlings at various seasons and another one regarding the best month in which to hold our annual exhibition. Both of these are worthy of our consideration. I wish to offer a few suggestions along these lines.

I would like to have the society go on record as favoring an annual all-American flower show to be held in November and in a different city each year. I believe the time is ripe for it. Perhaps the Society of American Florists or the World's Fair Flower Show Association could be induced to take the matter up. If there were an exhibition it would enable us to see the new carnations in the fall as well as at our own grand show later in the season, without any extra expense to the American Carnation Society. We could offer our certificates there, which might be termed fall certificates, and also collect an entry fee the same as usual. This in a measure would cover the part relative to judging seedlings at different seasons and be a great benefit to both introducer and buyer of a new variety as well as to the trade in general. And then we need not be so particular as to the date for our own exhibition.

Here is another suggestion. If a certain grower has a new carnation for distribution to the trade, give him the chance of receiving our endorsement, or otherwise, of its commercial value, by applying to our president for a committee of judges or practical growers to visit his establishment and inspect the variety growing, say two or three times during the season. The committee could consist of three good men living in his, the grower's, vicinity. I believe this plan is followed by the New York Florists' Club. It would be just as easy to get the committees for this purpose as it is for the American Chrysanthemum Society to secure its several committees to meet every Saturday for two or three months.

One feature of the carnation plant we can congratulate ourselves upon more than any other, I believe, is the healthiness of the acknowledged present-day standard varieties. We do not hear so much about stem-rot, bacteria, rust, etc., as we did four or five years ago. The reason for this I lay to the fact that the hybridist has refrained from using for crossing purposes varieties that are subject to those diseases and, again, to our semi-indoor mode of culture, early planting, which I recommended in my essay at the Buffalo meeting.



Carnation White Lawson Exhibited by Breitmeyer's Sons.

The prices obtained for carnation blooms the past few years have hardly kept pace with the improvement and the quality of them. When we held our convention in this city seven years ago, fancy carnations were bringing 8 cents at the holidays and occasionally higher prices were heard of. The best varieties at that time were Jubilee, Mayor Pingree, Mrs. McBirney and Mrs. Geo. M. Bradt. The same prices were realized this season for improved varieties that were better grown, but the years between rarely saw the top figures, and yet the cost of production is much higher. The reason for this state of affairs is no doubt due to over-production, but when you take into consideration that there are a million more plants grown in this vicinity alone, producing about fourteen million a year more blooms for this, the Chicago market, we can hardly be surprised at the non-advancement of the price. Still, I doubt if we have much reason to complain, for during that period we have had no panic in the business world and no serious slump in flowerdom and the prospects for the future, I think, are encouraging. Personally I think we are on the eve of an unusually prosperous era and I trust the carnationists will reap their share of the benefits.

Since we last met in Chicago, we have been to Philadelphia, Buffalo and Baltimore, each one of these cities approximately a thousand miles from the western carnation belt, making it very difficult for growers in that vicinity to make creditable showings. In the years following the convention mentioned we went to Indianapolis, Brooklyn, Detroit and now Chicago. This is as it should be. Now let us go east again, the midddle east, or even enter new fields, as I believe great benefits are derived by our society in spreading the knowledge of our work and showing the products of our skill in any city within a reasonable shipping distance of a carnation center.

The growth of the carnation's popularity among all classes of people should be very gratifying to us, and still I believe it to be only in its infancy. One thing more than all others that will, I am sure, increase this popularity in the future, is that grand body, the Carnation League of America, with three million members, each wearing a carnation on each January 29 as a tribute to the memory of our beloved President McKinley.

We shall soon hear the report of the judges of the present exhibition. Some of us will be disappointed; others will experience those thrills of joy which victory brings. If you are a new exhibitor and are beaten, do not be discouraged. Take your defeat with good grace, find out if possible the weak points of your exhibit and return home with a determination to overcome them next year.

Before concluding, I beg of you, one and all, to attend the sessions and stay with them until each one is over, help us to get through with what business we have and make this convention what it ought to be, the greatest yet. After the sessions are over there will be plenty of time to explode your otherwise pent-up enthusiasm. That your Chicago friends will be with you and stay with you to the end is a foregone conclusion. Now to business.

At the conclusion of the president's address Secretary Herr read the report of the judges, as follows:

The Awards.

The following are the awards in class



General View of the Chicago Exhibition of the American Carnation Society.

A, which called for 100 blooms in each vase:

White, E. G. Hill Co., Richmond, Ind., first on Lady Bountiful; W. J. & M. S. Vesey, Fort Wayne, Ind., second on same variety.

Daybreak shade of pink, Chicago Carnation Co., Joliet, Ill., first on Enchantress; E. G. Hill Co., second on same variety.

Lawson shade of pink, Chicago Carnation Co., first on Mrs. Lawson; Emil Buettner, Park Ridge, Ill., second on same variety.

Scott shade of pink, Chicago Carnation Co., first on Fiancee; no second.

Scarlet, Chicago Carnation Co., first on Cardinal; J. D. Thompson Carnation Co., Joliet, Ill., second on Robert Craig.

Crimson, Chicago Carnation Co., first on Harlowarden; C. W. Ward, Cottage Gardens, Queens, N. Y., second on The President.

Yellow variegated, Chicago Carnation Co., first on Dorothy Whitney; no second.

White variegated, J. D. Thompson Carnation Co., first on Mrs. M. A. Patten; W. J. & M. S. Vesey second on Glendale.

Any other color, Poehlmann Bros. Co., Chicago, first on Prosperity; no second.

The following are the awards in class B, which called for fifty blooms in each vase:

White, Emil Buettner first on Gov. Wolcott; E. G. Hill Co. second on Lady Bountiful.

Daybreak pink, E. G. Hill Co. first on Enchantress; Chicago Carnation Co. second on same variety.

Lawson shade of pink, Emil Buettner first on Mrs. Lawson; Poehlmann Bros. Co. second on same variety.

Scott shade of pink, J. D. Thompson Carnation Co. first on Mrs. E. A. Nelson; H. Weber & Sons, Oakland, Md., second on Genevieve Lord.

Scarlet, J. D. Thompson Carnation Co. first on Estelle; no second.

Crimson, C. W. Ward first on The President; C. W. Ward second on Octoroon.

Yellow variegated, Chicago Carnation Co. first on Dorothy Whitney; F. Dorner & Sons Co., Lafayette, Ind., second on same variety.

White variegated, Chicago Carnation Co. first on Mrs. M. A. Patten; E. G. Hill Co. second on same variety.

Any other color, Chicago Carnation Co. first on Prosperity; second divided between Poehlmann Bros. Co. and W. J. & M. S. Vesey on same variety.

The following are the awards in class C, which called for twenty-five blooms in each vase:

White, Emil Buettner first on Gov. Wolcott; J. D. Thompson Carnation Co. second on same variety.

Daybreak pink, Emil Buettner first on Morning Glory; Chicago Carnation Co. second on Fair Maid.

Lawson shade of pink, Emil Buettner first on Mrs. Lawson; Chicago Carnation Co. second on same variety.

Scott shade of pink, J. D. Thompson Carnation Co. first on Mrs. E. A. Nelson; H. Weber & Sons second on Genevieve Lord.

Scarlet, H. Weber & Sons first on Estelle; J. D. Thompson Carnation Co. second on same variety.

Yellow variegated, Chicago Carnation Co. first on Dorothy Whitney; no second.

Any other color, Guttman & Weber, Lynbrook, L. I., first on Prosperity; W. J. & M. S. Vesey second on same variety.

The following were the awards in the special classes:

Fifty blooms scarlet, E. G. Hill Co. first on Cardinal; Guttman & Weber second on Victory.

Best fifty blooms in the ball; E. G. Hill Co. first on Cardinal.

Vase Gov. Lowndes, E. G. Hill Co. first.

Vase Genevieve Lord, Guttman & Weber first.

Fifty blooms Crusader, J. Breitmeyer's Sons, Mt. Clemens, Mich., first.

One hundred blooms for the Lawson medals, gold medal awarded to Chicago Carnation Co. for Fiancee; silver medal awarded to C. W. Ward for Robert Craig; bronze medal to H. Weber & Sons for My Maryland.

Fifty blooms for the S. A. F. medals, silver medal to J. D. Thompson Carnation Co. for Robert Craig; bronze medal to H. Weber & Sons for My Maryland.

Silver cup for undisseminated variegated seedling awarded to H. W. Buckbee, Rockford, Ill., for No. 38.

Best undisseminated seedling, premium to J. D. Thompson Carnation Co. for Robert Craig.

Fifty blooms Indianapolis, premium to Emil Buettner.

Fifty crimson, premium divided between Poehlmann Bros. Co. and Chicago Carnation Co., each showing Harlowarden.

Fifty yellow, Chicago Carnation Co. first on Dorothy Whitney.

Best arranged vase, open to retail florists only, J. M. Smely, Aurora, Ill., a gratuity.

The following varieties were awarded certificates of merit: Lady Marguerite, shown by W. N. Rudd, Mount Greenwood, Ill., scored 85 points; Mikado, shown by M. A. Patten & Co., Tewks-

bury, Mass., scored 88 points; Robert Craig and Lieut. Peary, shown by C. W. Ward, each scored 88 points; My Maryland, shown by H. Weber & Sons, scored 88 points.

For preliminary certificates, C. W. Ward's entries scored as follows: No. 569, 93 points; No. 234, 86; No. 211, 91; Alma Ward, 88; No. 2528, 85; No. 2653, 86; No. 12, shown by E. G. Hill Co., scored 85 points; Helen Goddard, shown by S. J. Goddard, scored 85 points.

Other Exhibits.

Richard Witterstaetter, Cincinnati, staged, too late for competition, magnificent vases of Aristocrat, the improved Lawson; Afterglow, pink; J. A. Valentine, light pink; No. 1021 B1, Scott shade; 1021 D1, red; Cardinal, extra good; Lady Bountiful, in splendid shape. No exhibit attracted more favorable comment.

F. R. Pierson Co., Tarrytown, N. Y., staged White Lawson and the Tarrytown fern.

Swan Peterson, Gibson City, Ill., showed Carnation White Swan.

John Hartje, Indianapolis, showed Carnations Coral, light pink; Candace, pink; Alspice, variegated.

The B. K. & B. Floral Co., Richmond, Ind., staged a large exhibit of Richmond Gem.

C. W. Ward set up a fine table of seedlings containing many besides those mentioned as receiving certificates.

F. Dorner & Sons Co. showed a large collection of seedlings.

John Breitmeyer's Sons set up a fine vase of La Detroit rose and another of snapdragon.

J. M. Gasser Co., Cleveland, set up Gen. MacArthur rose in fine shape.

J. A. Peterson, Cincinnati, showed fine plants of the white Lorraine begonia.

Eli Cross, Grand Rapids, made his usual showing of violets.

Nathan Smith & Son, Adrian, Mich., staged Chrysanthemum John Burton, good blooms.

Vaughan's Seed Store staged Boston ferns.

Davis Bros., Geneva and Morrison, Ill., had a large table of Bostons.

The Cleveland Cut Flower Co., Cleveland, showed a tile bench.

The King Construction Co., Toronto, showed an iron gutter.

E. G. Hill Co. showed a splendid vase of Richmond rose and another of Rosalind Orr English.

A. Dietsch Co., Chicago, showed a wooden gutter.

G. W. Neff & Co., Richmond, Ind., showed a carnation support.

Other exhibits, some not staged until Thursday, were Variegated Lawson, from the F. R. Pierson Co., Rose Wellesley in fine shape from Waban Rose Conservatories, Carnation Imperial from J. E. Haines, and seedling carnations from Robert Klagge.

The judges in a supplementary report made favorable mention of many of the above.

Just before adjournment the judges gave honorable mention to belated exhibits of Variegated Lawson from F. R. Pierson Co. and Red Lawson from W. J. Palmer & Son.

The Secretary's Report.

Secretary Albert M. Herr presented his annual report as follows:

Your secretary reports having issued the regular printed matter of this society during the past year and mailing the same to all the members of the society. The attempt was made of issuing the full premium list early in the fall and mailing the same at two different times, once in October and again in January. The idea was to give the advertisers in this list the advantage of a double circulation. The attempt can hardly be called a success, as it was almost impossible to get advertising and specials together in September; they were received so slowly that it came to be a rush job and an error or two in the copy was the result. These were corrected in the issue sent out in January and a few additions made to the list in the form of a supplement.

We are as yet without a permanent stenographer (that is the same stenographer for every meeting) and until we get one our reports are bound to be incomplete in some respects. We were fortunate in securing at the last meeting and for this one stenographers who have had some experience in horticultural matters, but to give us a complete report, such as this society should have, requires a stenographer who will be with us year after year, get acquainted with us, know our names, our voices and the meaning of all the terms we use.

There were during the year the usual number of complaints as to mail matter not reaching the members, in several instances four pieces having been sent the same party. In justice to myself I want to say that all regular matter, such as circulars, premium lists, etc., are sent out addressed by a machine that makes it a mechanical impossibility to miss any one.

While we are not by any means in financial straits, yet there are so many things the society could do with ample funds back of it that we should use every endeavor to increase our permanent fund and our membership as well. For the latter I would suggest a display advertisement gotten up with a cut of the front cover of our annual report and inserted in the trade papers the week the report is sent out at a cost not to exceed $5 for each paper used, and one insertion only. With the papers presented for this meeting our report ought to be a good one and a strong, pictured, good-sized advertisement ought to pay well in the increase of our membership.

Any member who has either criticism or new ideas for the advancement of this society can have the same brought before the board of directors promptly by sending them in writing to the secretary either at this meeting or at any time during the year. There is no stop to the development of the carnation, there can be none to this its patron society, but we need the assistance of every member as well as the board of directors and other officers.

Treasurer's Report.

Treasurer Fred Dorner reported the permanent fund to have contained $1,910.21 on February 20, 1904. It has since been enriched $50 by the Chicago Carnation Co. and $36 by C. W. Ward, making the present fund $1,996.21. The general fund stands as follows:

Balance February 20, 1904				$ 253.36
Cash	from	Membership	$556.00	
"	"	Interest	78.16	
"	"	Registering	14.00	
"	"	Advertising	186.25	
"	"	Late Entries	2.00	
"	"	Cert's of Merit	50.00	
"	"	Special Premiums	26.00	
				912.41
				$1,165.77
Vouchers paid				752.64
Balance				413.13



The Class for 100 Blooms White at the Chicago Exhibition.

(The exhibitors and varieties are, from right to left: Hill Co., Bountiful; H. W. Buckbee, White Lawson; Emil Buettner Bountiful; W. J. & M. S. Vesey, Bountiful; Weber & Sons, My Maryland; Pierson Co., White Lawson; Chicago Carnation Co., Bountiful; H. W. Buckbee, No. 33; Thompson Carnation Co., Bountiful; Dorner, Bountiful; Breitmeyer's Sons, White Lawson.)



The Entries for the Lawson Medals at the Chicago Exhibition.
(Fiancee on the left, then Adonis, then Robert Craig, then Cardinal, with My Maryland on the right.)

For the committee on McKinley memorial fund H. M. Altick reported slow progress until the Chicago Florists' Club took the matter up two weeks ago. Upwards of fifty of its members have agreed to give to the fund from five to twenty-five per cent of their carnation sales on January 28 or 29. C. W. Ward, E. G. Gillett, E. H. Cushman, J. A. Valentine, J. C. Vaughan and others endorsed the movement, and on motion of W. N. Rudd the society voted to place an offering of carnations on McKinley's tomb on January 29.

The nomenclature committee reported the registration of fifteen varieties with the society in the past year.

Prof. H. Hasselbring was introduced to read his paper on "Carnation Diseases," which appears elsewhere in this issue. It provoked a warm discussion and one of the most interesting ever held before the society. W. N. Rudd said he took issue with the speaker on the question of varieties running out and cited Lawson. C. W. Ward said he had reduced disease to a minimum by rational culture. He uses healthy cuttings, sterilizes sand and soil, does not plant in the field, grows cool and feeds lightly. Eugene Dailledouze said he had seen the tops taken from young stock and rooted die of stem-rot while the original plants thrived. Peter Fisher said much stem-rot is due to a check, to leaving the cuttings too long in the sand, letting them get too dry, etc. Wm. Weber said to avoid stem-rot by ventilation and the avoidance of extremes of moisture. J. A. Valentine, H. A. Bunyard, A. F. J. Baur and others participated in the discussion.

It took three-quarters of an hour of hard work to decide between Boston and Toronto for next year's convention. It took all of President Hartshorne's parliamentary skill to get the matter finally settled according to the constitution. Boston won, but had J. H. Dunlop not withdrawn Toronto's invitation for the year just as he did, she would have won.

Officers were nominated as follows: President, Peter Fisher, Ellis, Mass.; vice-president, J. H. Dunlop, Toronto; secretary, Albert M. Herr; treasurer, Fred Dorner, Jr.; director, Wm. Weber; judge, Wm. Nicholson.

Thursday's Morning Session.

On convening Thursday morning the first act was the appointment of G. A. Rackham, M. A. Patten and C. W. Johnson as a committee on final resolutions.

C. W. Ward, as chairman for the committee on president's address, recommended that the president's suggestions as to the registration of sports be referred to the nomenclature committee, and that instead of a great all-American flower show, a committee of three be appointed to arrange for the society's cooperation in exhibits of seedlings at several of the large autumn shows. Both recommendations were adopted, the latter subject being pretty well threshed out.

C. L. Washburn was then introduced to describe the handling of carnation blooms for long and short distance shipments. His paper will be found in another column. E. G. Gillett, in discussing the paper, offered some suggestions to growers on shipping stock to their wholesaler.

Thursday's Afternoon Session.

Fred H. Lemon was introduced at the afternoon session to read his paper on exhibition carnations which appears in full in another column. In the discussion Eugene Dailledouze said he handles the blooms as little as possible; if the ends of the stems are swabbed in soaked tissue paper they will not need re-cutting; the staging of exhibition blooms, however, begins with propagating the plant. R. Witterstaetter said a few drops of ammonia in the water aids in developing the blooms.

President Hartshorne announced C. W. Ward, Fred Lemon and R. Witterstaetter as the committee to recommend to the directors a plan for showing seedlings at the fall exhibitions.

This year's date of meeting was commended. Officers were elected as nominated and each made a brief pledge of earnest effort. On motion of J. A. Valentine the secretary was instructed to express to Wm. Scott, of Buffalo, the sympathy of the society and the hope for speedy recovery from his illness. Mr. Valentine also proposed a resolution expressive of the society's sense of loss in the death of E. N. Peirce, of Waltham. A resolution was adopted commending the work for floriculture done at the Indiana Experiment Station at Purdue. The convention then adjourned.

Thursday Evening.

The Chicago Florists' Club was the host at a banquet at the Auditorium Thursday evening. At the same time the lady visitors were entertained at supper and the theater.

CARNATION DISEASES.

BY PROF. H. HASSELBRING, OF CHICAGO.

[A paper read before the American Carnation Society at the Chicago meeting, January 25.]

With the extended cultivation and amelioration of the carnation, new diseases and disorders have made their appearance. Are these troubles the result of cultivation? Has the continued high culture predisposed the plants to certain forms of disease? What are the diseases that threaten the carnation today and how can they be prevented?

These are questions of ever increasing importance to the florist. Their importance will increase with every extension of carnation culture. In no other branch of horticulture is the investment and risk so great as in floriculture; no other branch of agriculture and all the related pursuits, expends so large a proportion of the returns for labor. A failure means a corresponding loss. Every factor that is likely to cause failure should be thoroughly understood.

The whole subject has received far from sufficient attention. Our experiment stations, while they have vastly furthered the interests of other branches of agriculture and horticulture, have left the whole field of florists' problems almost untouched. In this state (Illinois), containing the largest greenhouse industry in the world, our experiment station cannot legally take up any question relating to the culture of plants under glass. The florist must stand on his own feet.

In the absence of sufficient experimental investigation it will be possible to touch only the main features of the question of diseases and point out the possible future of the carnation in relation to them.

In the main the troubles with which the florist has to deal may be classed under three categories, insect enemies, physiological disorders, and fungous diseases. Fortunately, the carnation has but few insect enemies and those are so well

understood that I will not take up the time to speak of them. The others are not so well understood.

Physiological Diseases.

Physiological diseases result from the disturbances of the functions of a plant from any cause whatever. Less than three-quarters of a century ago it was the common view that all cultivated plants must be regarded as diseased because they were growing under unnatural conditions. Therefore, it was reasoned, their functions must be disturbed. We no longer follow this mode of thinking. There is no reason to believe that plants are weakened or impaired in vitality by continued cultivation. It is true that we cannot define what we mean by "vitality" in a plant, but if its vitality was impaired by continuous cultivation we should finally expect it to die. This has not been our experience. Wheat has been in cultivation for thousands of years and the plants are more vigorous and give greater yields today than one thousand years ago. You will perhaps mention the "running out" of varieties. I do not think varieties have run out. They have been superseded by better ones and by comparison the older variety has appeared to run out. We have no record but our judgment to show that any variety has run out. It is true, certainly, that all plants vary under cultivation, and the same seed pod may give some offsprings of a weak and some of a vigorous habit, but this is incident to cultivation and not caused thereby. The cause lies in the unknown factors governing the variation of plants.

As physiological troubles we mention the "sleeping" of flowers and bursting of the calyx. The cause of those troubles rests to a great extent in the nature of the variety, but to some extent also in outer conditions. The very fact that the calyx of certain varieties bursts with some growers, but not with others, shows that this trouble is greatly influenced by outer conditions and can be solved by experimentation. As yet, as I have said, these subjects have never been scientifically investigated. It is to be hoped that some time these questions will receive their proper share of attention by our experiment stations.

Fungous Diseases.

In considering fungous diseases we must keep in mind distinctly one thing: These diseases are caused by distinct parasitic organisms. A fungus is an individual organism just as much as the carnation plant is. It has a vegetative period and finally produces spores, which again reproduce the same fungus. Its whole development can be followed with the same certainty with which the development of any plant can be followed from seed to maturity. Parasitic fungi live in the tissues of other plants, spreading in the same manner as roots in the soil. In this way fungi produce diseases by destroying the tissues of the plants upon which they feed.

Diseases of this nature are often attributed to some sort of unfavorable conditions, such as lack of ventilation, too much water, deep planting and the like. This is an error. While certain conditions favor the growth of fungi, and thus cause disease to appear more abundantly, it is nevertheless true that such diseases would not appear if the fungi were absent. The fungi are in every instance the prime cause of disease, not the conditions.

There are at the present time but two fungous diseases of the carnation which we need to discuss, the rust and stem-rot. The rust was a prevalent disease about ten years ago. At that time it was feared as the worst enemy of the carnation, as its frequent discussion in the horticultural literature of that time indicates. It still appears spasmodically here and there on some varieties, but it is no longer the dreaded enemy of the carnation. We will come back to the causes of this again.

The Problem of Stem-Rot.

The stem-rot is a far more serious disease and one which will be difficult to control. It is caused by a fungus of the genus fusarium. While the name of the fungus may not carry with it any special significance, we shall see presently that this is one of a great group of fungi which have received considerable attention of late, and that the study of this group has been the chief means of developing a new method for controlling diseases. These fungi are the causes of the now well known "wilt diseases" of many plants. The wilt diseases of the cotton, cowpea, watermelon, flax and aster are caused by species of fusarium. These diseases have been carefully investigated and from the knowledge gained from them we can fill out, tentatively at least, such points as are still unknown in the life of the carnation fusarium.

Stem-rot is not primarily a rotting of the stem, but a wilt disease first manifesting itself by a wilting of the leaves of some shoots. Very often only the leaves on one side of a shoot wilt and in nearly all cases only a part of the plant is affected. This is more especially true during the early stages of the disease. It will frequently be found that the branches on one side of the plant are affected and sometimes only those arising low down on the main stem. The disease always progresses upward. The leaves on the affected branches soon die and turn to a pale color without dropping. The upper leaves on these branches may be wilted but still grow, until the whole branch finally dies. The calyx lobes or flower stems usually turn yellow at the tips before the upper leaves begin to die.

The root systems of these plants appear healthy externally with the exception of one or two roots. These are completely decayed so that only a remnant of them is left. Yet if the diseased plants are carefully examined after the roots have been washed these decayed roots can always be found. Here is evidence that the fungus has entered the plant from the soil through the roots.

The course of the fungus in the plant and the reason for the peculiar damage it causes can be easily seen by cutting microscopical sections at different parts in the diseased stem and branches. The fungus grows from the infected roots into the water-conducting channels of the stem and branches. When the disease is severe these can be seen to be literally plugged up with a mass of the mycelium of the fungus. It is then impossible for the plant to obtain sufficient water and wilting and death are the results. Sometimes the fungus invades only the ducts on one side of the stem and then the leaves and branches on this side wilt. Later when the plant is dying the other tissues are also invaded, first the pith and then the cortex. The fungus produces innumerable spores on the dead stems and on the lower portions of the leaves.

The Cause and the Remedy.

So much for the effect of the fungus on the carnation plant. Questions of



The Class for 100 Blooms Lawson Shade of Pink at the Chicago Exhibition.

(The exhibitors and varieties are, from left to right: Dorner, Eclipse; Pohlmann Bros. Co., H. W. Buckbee, W. J. & M. S. Vesey, Breitmeyer's Sons, Emil Buettner, each with Lawson; Thompson Carnation Co., Nelson Fisher; Chicago Carnation Co., Lawson.)



The Class for 100 Red at the Chicago Exhibition.

(The exhibitors and varieties are, from right to left: Guttman & Weber, Victory: Thompson Carnation Co., Estelle; Breitmeyer's Sons, Flamingo; Hill Co., Flamingo; Thompson Carnation Co., Robert Craig; Chicago Carnation Co., Cardinal.)

more practical importance are: How does this disease get into the carnation beds, and how can it be prevented?

The fusariums are a group of soil fungi. They are found nearly everywhere on decaying organic matter in the soil. I have been unable to collect evidence showing that the stem-rot reappears in the same soil year after year, this being due to the fact that carnation growers change their soil annually. We know, however, that the plants are attacked from the soil and this, in connection with the fact that the fusariums are found almost everywhere and can grow freely on dead matter in the soil, leaves scarcely any room for doubt that the soil is the source of infection. It has been definitely shown that the wilt fungus of the cotton, watermelon, cowpea and flax remain indefinitely in soils once infected. In fact, it has been found impossible to eradicate them. The same is probably true for the carnation wilt or stem-rot.

The most important question is, how to prevent the disease? Since it remains in the soil it is beyond the reach of the usual fungicides. It attacks the plants beneath the soil so that direct preventive measures are practically excluded. What hope have we then of ever controlling the disease? I think the solution of the question will come from a study of varieties. If we look over the different varieties now generally cultivated we find that some are badly affected, others less, and some seem not to suffer from the disease at all. It is somewhat difficult to collect exact data on this, but it seems to be everywhere conceded that such varieties as Crane, Morning Glory and Flora Hill are most subject to the disease, many growers having thrown these varieties out entirely. Flamingo, Apollo and White Cloud seem to suffer as much as those just mentioned. On the other hand, many varieties seem to be free from the disease. These are especially the strong growing varieties, such as Harlowarden, Enchantress, those of the Lawson type and Lady Bountiful. I have seen America planted where Crane died of stem-rot, yet the former variety was not affected. Some varieties seem to outgrow the disease, even when affected. This seems to be true of Bradt and Lord. These observations are as yet of limited extent, but they point to one conclusion: Some varieties of carnations are immune from stem-rot.

The problem for the future will be the production and selection of immune varieties. It should be the aim of the originator to produce resistant varieties and only such varieties should be put upon the market. This plan is not impossible, for it has been successfully followed in the case of cotton. Through the work of the Department of Agriculture several varieties of cotton have been produced which are resistant to the wilt. Those can be planted in infected fields, where other varieties have been exterminated, without being attacked by the disease. I am convinced that we have a similar example in the carnation rust. Almost imperceptibly the discussion of this disease has dropped from horticultural literature. Why? If we examine the older catalogues we find many varieties advertised as "rust proof." These may or may not have proved as represented, but the fact shows the tendency of the time to produce rust proof carnations. Only the varieties that actually proved rust proof finally were extensively cultivated and today the rust has practically disappeared from our greenhouses. I have no doubt that we will have a similar experience with the carnation stem-rot. We have already indication of the lines to follow and experience has shown that they can be followed successfully.

EXHIBITION CARNATIONS.

BY FRED. H. LEMON, RICHMOND IND.

[A paper read before the American Carnation Society at the Chicago meeting, January 26.]

In approaching the subject of "Exhibition Carnations," the first inclination is to seek a definition for the term. What are exhibition carnations and who are the growers of exhibition carnations?

When we speak of exhibition chrysanthemums there immediately arises before us a vision of immense, reflexing or incurving Japanese blooms of various shades of color, some light, some dark, some gaudy, some dull, all beautiful, but scarcely any practicable for the purely commercial grower. We find these in the hands of a special class of growers. First, the large growers, importers and introducers of new chrysanthemums, whose aim in exhibiting the marvelous creations of the hybridizer is to arouse the interest of prospective buyers of young plants. Second, the private gardener, that true horticultural enthusiast, whose time and skill are devoted to perfecting the magnificent blooms, mainly to satisfy a love of the beautiful in nature.

First, Grow Good Flowers.

When we turn to the carnation, however, and examine the exhibition and the exhibitor, we find a magnificently large collection of the very same varieties which are daily seen by thousands in the wholesale houses of the country, flowers a little better than the best in the market, perhaps, because more carefully handled, and exhibited by the very men whose vast ranges supply the markets. Thus is the carnation distinctively the business man's flower and an exhibition of carnations a most practical demonstration of what can be accomplished by care and attention in growing flowers for the market.

A consideration, therefore, of the subject now before us must of necessity encroach to a certain extent upon the daily task of cutting, packing, and shipping carnations, because the very methods which result in putting flowers into the market in the best possible condition must form a foundation for our plans and methods of putting our blooms into the exhibition hall in perfect condition.

Even Color Essential.

Granted, then, that we have flowers which we think are good enough to exhibit, and we might say right here that they must be rather good in this day and age, the first question is the selection of blooms and time and method of cutting. Just here a study of the scale of points for judging will be of great benefit. This shows us that color must be the first consideration, with stem and size counted equally for second place.

Great care should be used to obtain a very evenly-colored lot of blooms, even at the expense of other points. With this end in view it is best, when possible, to cut all the flowers for one class about the same time for there will surely be variations in color if some of the blooms have been kept in water sixty hours and some only six hours.

Cutting the Blooms.

Use a sharp knife to cut the blooms and take every inch of stem you can get without going into the hard wood. The proper condition of a bloom to be cut for exhibition depends largely upon the variety but may be generally stated as just before that bloom reaches a state of perfection.

Here is where the judgment of the operator is put to the test; here the

point where many prizes are lost. Such a variety as Enchantress, for instance, is in perfection when the flower is young and failure greets the man who allows his Enchantress to develop too fully before cutting, while that erstwhile grand variety, Flora Hill, only reaches a state of perfection for exhibition after having stood upon the plants for many days and being allowed to develop very fully before cutting. Between these two extremes are many gradations and, as before stated, it calls upon the best judgment and broadest experience at command.

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In handling blooms at all stages, especially with varieties of intense color, such as Adonis, great care should be exercised to avoid bruising. This is a matter of great importance, as varieties of high color are especially easily bruised immediately after cutting and if blooms are laid down on a rough board or cement bench, or carelessly knocked together while carrying from the house to the cooling room, they will surely show the effects later, and on the observance of these minor points often hangs success.

All flowers which have an inclination to droop or hang their heads in the slightest degree should be supported in a rigidly upright position. There are several methods of accomplishing this end. A wire ring like an ordinary carnation support may be attached to the jar in such a manner that it will act as a support for the blooms, and some people go to the trouble of tying a wire to each stem.

Whatever method is used, they must be supported from the very time they are cut, for the first two or three hours in water is the time when most of the stiffening and hardening takes place and if the stems harden in a bent or curved position, subsequent supporting will be useless.

Packing for Shipment.

Like all the other essential steps in the task of placing blooms in the exhibition hall, packing the blooms for shipment is an operation of the utmost importance, the aim being to get the blooms through in the most perfect condition, and any extra attention which can be given to this work is certainly time well spent. The most important point is to prevent the blooms from becoming crushed of mashed out of shape. This should be very carefully avoided, for if the broad bottom or ray petals become bent or pressed down, it is almost certain that they will not regain their proper form when set up for exhibition.

One of the simplest methods of accomplishing this end, and one that is fairly efficacious, is to place the blooms upon pillows, or small rolls of paper as long as the width of the box and about one and one-half inches thick.

A more thorough method is to cut circular pasteboard discs, the size of the blooms, with a hole in the center large enough to slip over the stem and calyx so that the disc will press against the back of the flower, holding the ray petals in a perfectly horizontal position. These must be used in connection with the pillows, and they keep the blooms in perfect shape; indeed, in many cases improving the form of irregular blooms.

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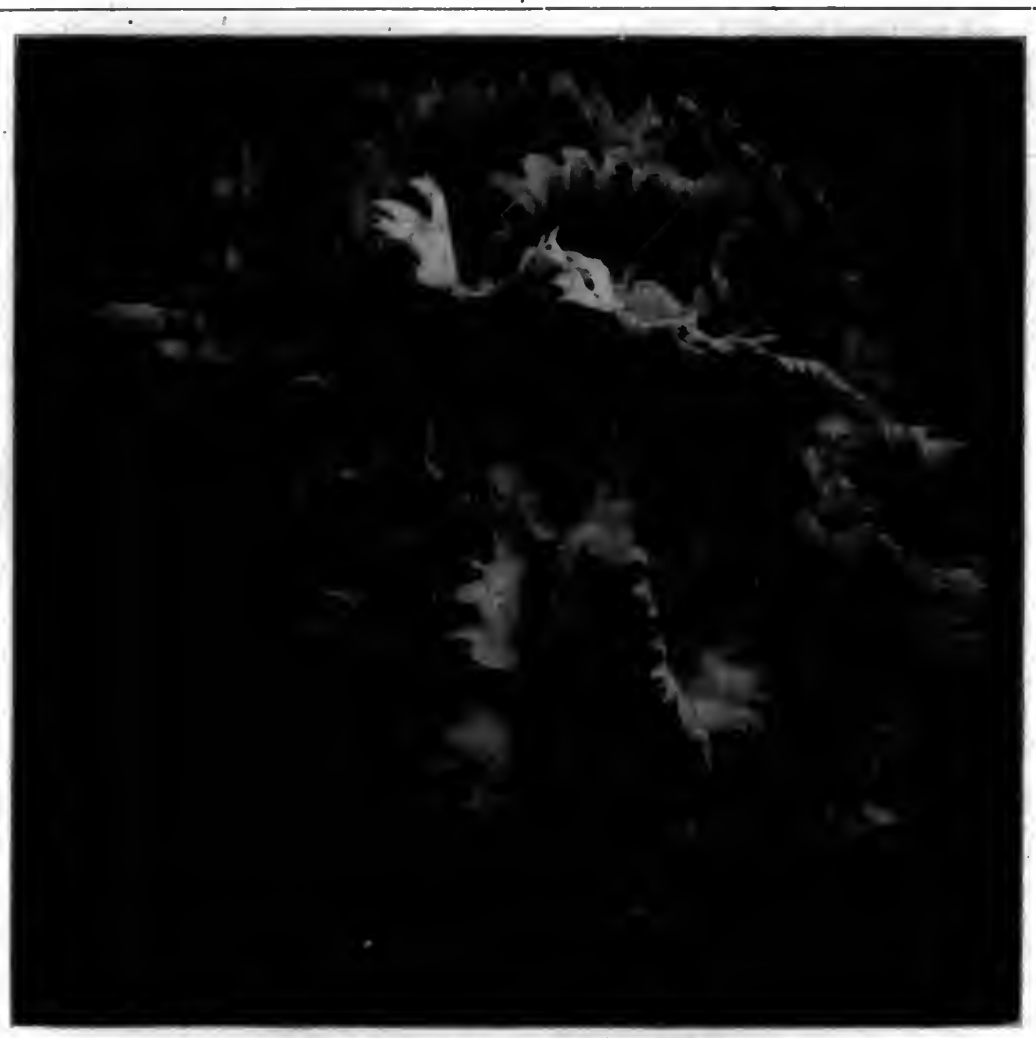
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M. A. Patten's Variegated, Mikado.



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This vast increase has taken place mostly in the last six or seven years, and every year has shown a larger amount of carnations planted and handled than the previous year. It is now almost impossible to get at the exact amount of carnation blooms received each season, but a conservative opinion would place the number at about 50,000 blooms per day during October and November, and then a gradual increase to 100,000 per day by midwinter, and continued at this rate to the end of the season. At least seventy-five or eighty per cent of this amount is shipped away from the city, and in the ability to deliver these flowers at their destination in first-class condition lies the successful conduct of the business.

The manner of handling these blooms as adopted by most of the larger growers is as follows:

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The cutting of the flowers must be attended to with considerable judgment as regards the weather. If the weather is very cold the flowers should be allowed to open a little more than usual, as if cut too close in very cold weather they soon go to sleep. Again, if there is a warm wave, with lots of moisture in the atmosphere, the flowers will be soft and must be cut pretty close; also, during these warm spells the flowers should be kept in a little cooler temperature than usual to make the blooms as firm as possible. After the flowers are cut and tied in bunches of twenty-five each, they should be placed in water as soon as possible. This is best accomplished by having pails of fresh water standing handy to the benches, so that as soon as a bunch is tied up it can be placed in the water at once. This is very necessary, as it helps prolong the life of the flower. If the blooms are left out of water until the cutting is all finished, a number of them will have wilted a little and the sap in the stem hardened up to such an extent that the flower will not suck up water freely.

After the cutting and bunching is finished the flowers should be placed in water in a closet or room where the temperature remains steady at about 55 degrees, and where no draughts of air will strike them. When packing to send to the commission man or wholesale store, use a few sheets of newspaper between each layer of bunches, and keep the ends of the stems from touching any of the flowers. Two layers of bunches are enough to put in any package, as too many heads get broken when packed in too solidly. The wholesale or commission

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Stock for Shipment.

Now, for short distances, where the flowers can be shipped on trains that will arrive early enough for the flowers to be delivered that same day, the stock sent is usually that cut the night before; but for flowers that will have to remain packed in the boxes over night, and for all long distance shipments, the stock taken is always cut in the morning and, after standing in water from three to six hours, is sent in to the market and shipped away the same day. The old idea that a carnation keeps best if allowed to stand in water twelve to twenty-four hours before sending into market has been disproved by actual experience, and of the carnation blooms received by the wholesale growers at least two-thirds the stock is cut in the morning and shipped in to their wholesale store in the early afternoon to send away the same day. These flowers will arrive in better shape and last longer every time than if cut the day before.

After carnations have been kept eighteen or twenty hours in water they seem to get kind of soggy and do not ship well.

Packing the Boxes.

The boxes used for shipping carnations are made of thin wood, half-inch ends and quarter-inch tops, bottoms and sides, with two half-inch cleats to fasten the stems down and hold the ice securely. These boxes are usually twelve inches wide and four to eight inches deep, and thirty-six to forty-six inches long. The boxes may appear too long at first, but they are better too long than too short. Line the boxes first with four to eight thicknesses of newspapers, depending on the weather. Then a single thickness of soft wax paper all around. Commence and put in a row of carnations, usually about six flowers to a row, and between each row of heads place a strip of wax paper about three inches wide and as long as the box is wide. About four rows of flowers in each end will constitute a layer, and between each layer place a sheet of wax paper the width of the box and long enough to cover all the heads in that layer. Keep on until the box is completed.

It will be found that with the extra long stems now being grown that four or five rows in each end of the box will be all that can be put in a layer, as by that time the stems will be within six inches of the opposite row of flower heads. The number of layers of flowers should not go over four or six, which will allow of from 200 to 300 carnations in one box. In the center of the box, where the stems meet, there should be placed at least eight or ten thicknesses of well saturated newspapers. These newspapers should be kept in a pail of water so that they will have absorbed all the water they possibly can before being placed on the stems. After putting this wet paper on the stems, place the two cleats on and fasten them down securely with nails. Be careful in placing the cleats to put them only on the double rows of stems and not beyond, and also see there is plenty of wet newspapers under them, so there will be no danger of breaking the stems by pushing the cleats too far down.

The Question of Ice.

The subject of icing a box is a debatable point, but for long distance shipments our experience is that a small piece of ice well wrapped with newspapers helps to preserve the flowers from heat and also keep the newspapers over the stems moist. For varieties that have brittle stems, like Lawson, care must be taken not to fasten the cleats down too tight, or too near the neck of the flower, or the stems will be broken in handling the package. It is also well to put a few sheets of tissue paper well crumpled up between the cleats and the flower heads. This will absorb any damp, cold air from the ice and will also serve as a cushion to protect the flowers from shaking up and down in the box by rough handling.

The Points to Improve.

In order to dispose of our product to advantage, it is absolutely necessary to continue to improve our methods of handling carnations intended for shipment. They must be grown stronger, more air given, and great care taken in feeding. The effect of the warm spring rains must be overcome in some way, as during such periods it is almost imposible to ship carnations any distance and not have them arrive fast asleep.

All the little details of cutting, placing in water and shipping, should be attended to with the greatest fidelity and, as we improve our methods of handling and our varieties of stock, so shall we increase our volume of business. The advisability of devoting a certain amount of glass to growing plants for spring and early summer blooming is a point that should be considered. There are some varieties that are at their best during these periods, and there is no doubt that carnations always ship best when in full crop.

If the creators of new varieties would give more attention to the keeping and shipping qualities of their new flowers instead of trying to increase the size so much they would be working along lines that are susceptible of considerable improvement. No matter how large a flower, or how fragrant or brilliantly colored it is, if it will not keep well and ship well it cannot be grown extensively. The immense number of railroads centering here and reaching out in every direction, with frequent trains and quick express service, gives us a field to be supplied that reaches as far east as New York State, Pennsylvania, and south to Florida, New Orleans, Galveston and various Texas points, while west we can reach all Colorado towns and some points in Montana, and then on north to Winnipeg. This vast scope of country makes Chicago the central flower market of the United States and has built up the immense greenhouse business of this vicinity.



Variegated Mrs. Lawson.
(Bought by F. R. Pierson Co., from Rockland Greenhouses.)

RADIATION AND HORSE-POWER.

Will you kindly tell us how to estimate the number of feet 1¼-inch pipe to each square foot of glass surface to maintain a certain temperature inside, with given outside temperature? How many feet of radiation can a horizontal tubular boiler rated at fifty horse-power carry without being overloaded? A. L. W.

I know of no tables which will give the information in the form desired. Each foot of 1¼-inch pipe represents .434 square feet radiating surface. The amount of work which this amount of radiating surface will do depends upon the kind of heat used, whether steam or



F. R. Pierson Co.'s White Lawson.

hot water, the pressure under which it is used, as well as the temperature desired in the house to be heated. These factors are variable and the problem of heating a greenhouse is not an impirical rule of thumb matter that can be stated in general terms for all cases.

In order, therefore, to intelligently answer the question it would be necessary to make a table giving the heating power of a square foot of radiating surface for hot water at various temperatures and for steam at different pressures for the different house temperatures to be employed ranging from 40 to 80 degrees, the usual range through which various greenhouse operations are carried on. It is therefore much easier for the writer, and infinitely more satisfactory for the florist or gardener, to state a specific problem than to attempt to state impirical rules to be followed in all cases. Tables are given in Bailey's Horticulturists' Rule Book and in Taft's Greenhouse Management, which state the number of square feet of glass that can be heated by one square foot of radiation for different temperatures, but even these tables must be used with due allowance for latitude, exposure and a safety limit based on careless workmanship and improperly constructed and equipped boilers.

This problem of the most effective economical means of heating greenhouses is the most important problem in connection with commercial floriculture today. By the use of inferior boilers and poorly installed piping only a fraction of the efficiency of the fuel burned can be secured. This, taken in connection with the gradually advancing price of fuel, renders this factor one of the most vital economic factors in the maintenance of a commercial plant. We may, by employing skilled gardeners and improved methods in connection with the best modern greenhouse construction, increase the output of the house, but if the fuel bill is not looked after with equal care the business may prove unremunerative. The REVIEW is ready and willing to answer all specific questions and, as before stated, I believe these will be more satisfactory to the craft than will general answers.

Instead of stating the capacity of a boiler in horse-power, it would be much better to state the diameter and length of the boiler, together with the number, diameter and length of the flues and the style of setting. These are positive values, while horse-power in heating boilers has little significance. Horse-power depends upon pressure and is an accurate measure where work is being done as in an engine or pump. Roughly speaking, one horse-power is equivalent to 100 square feet of radiating surface. A fifty horse-power boiler, therefore, should be able to carry 5,000 feet of radiation, an equivalent of 11,500 feet of 1¼-inch pipe.

L. C. C.

TO CONTRIBUTORS.

The increase in the size of the REVIEW, gratifying as it has been as a mark of general appreciation, has brought with it certain difficulties. It was once possible to put in type on Wednesday, the day of publication, a large part of all the matter used in any given issue. To do so now that so much more matter is printed, would so encroach upon the time allotted to press work, binding and mailing as to seriously delay the delivery of the paper.

It is, therefore, desirable that in so far as possible contributors place their matter in our hands on Tuesday, or, better yet, on Monday. If each one will each week make a little effort to this end we shall then always be in a position to handle matter which may occasionally be belated.

If advertisers, too, will bear in mind that we would like "copy" not later than Tuesday, they will be helping us to give them our best attention when circumstances make it desirable to change the advertisement on Wednesday.

EDINBURG, IND.—Mrs. M. E. Woodard has started in the florists' business here.

MARTINSVILLE, IND.—Nixon H. Gano, of the Martinsville Floral Co., reports a very satisfactory business. He will put in a new boiler in the spring.

LINCOLN, NEB.—F. W. Taylor, chief of agriculture and horticulture at St. Louis, was here last week. He is reported going to Europe as soon as World's Fair matters are closed up.

ITHACA, MICH.—F. W. Brooke is planning to increase his facilities to keep pace with the demand. He is having a very satisfactory season.



F. R. Pierson Co.'s Variegated Lawson.

MISCELLANEOUS SEASONABLE HINTS.

Inspect the Canna Roots.

This is the time that your canna roots should be looked over. If they are on boards beneath a carnation or a rose bench, where there is little drip, they are probably all right, but if not on boards they are sure to feel the moisture from the ground, however dry it may appear, and start into growth. This is just what you do not want them to do. If on boards and a drip from the bench is falling on a few roots, remove them or the roots will decay and be useless. Experienced men know all about these simple points, yet I have seen young men, who knew well how to treat them, deliberately put the canna roots beneath a plant bench on a wet surface where there was a constant drip and lose the entire lot. The success or failure of most of our gardening operations is not so much lack of knowing what to do as the failure to do it.

Ampelopsis Veitchii.

In the residence portions of our large cities we have used Ampelopsis Veitchii almost to excess, although there is nothing compared to it for covering stone or brick buildings and walls. It can be bought cheap enough, yet you can raise 500 for your own trade quite as cheaply by sowing the seed now, or within a month. They occupy little bench room until they are shifted from 2-inch to 4-inch pots and by that time your bedding plants are gone. They will make a good growth during summer and it is very important that they be moved outdoors by the middle of September so that they may ripen their stems and foliage before a hard frost arrives.

Dracaena Indivisa.

While you are sowing, don't forget Dracæna indivisa. We never have enough possibly because we occasionally neglected to sow a flat of seed. It takes about two years to raise a good plant in a 5-inch pot large enough for the center of a 2-foot vase. It is easily grown and tough. The dracæna might be called the "cemetery palm" for, whatever a vase is filled with, the last part of the order is sure to be, "Now mind, I want one of those narrow-leaved palms in the center."

Keep Propagating Space Filled.

There should be no idle space in your propagating bench at this time. The experts on roses and carnations have told all about the proper conditions required for their successful propagation. Nearly all our soft-wooded plants are very simple to root. A sand temperature of 60 to 65 degrees and the atmosphere as near as you can keep it to 50 degrees. Tropical plants, like coleus, will, of course, root faster in a temperature 15 degrees higher both top and bottom, but the respective temperatures above quoted will suit the very great majority of soft-wooded plants and root them all.

The "fungus of the cutting bed," as Peter Henderson named it, that almost invisible fungus that spreads with great rapidity over the surface of the sand, which sometimes carries off hundreds of cuttings in a few hours, is never so troublesome where the temperature of the house is kept low. A warm, close, muggy atmosphere is just the condition to produce this minute fungus. A bright sun when the sand is dry, not sufficient water at any time before the cuttings are rooted, and too high a temperature are the causes of failure.

The young growths of many plants that cannot be properly called soft-wooded, more shrubby, will also root finely now, such as lemon verbena, acalypha, H. P. roses and hydrangea. Just about now Hydrangea Otaksa for next year's forcing should go into the sand. You have the young, stout growth from the base of the plant and if rooted soon there is time to make a fine plant.

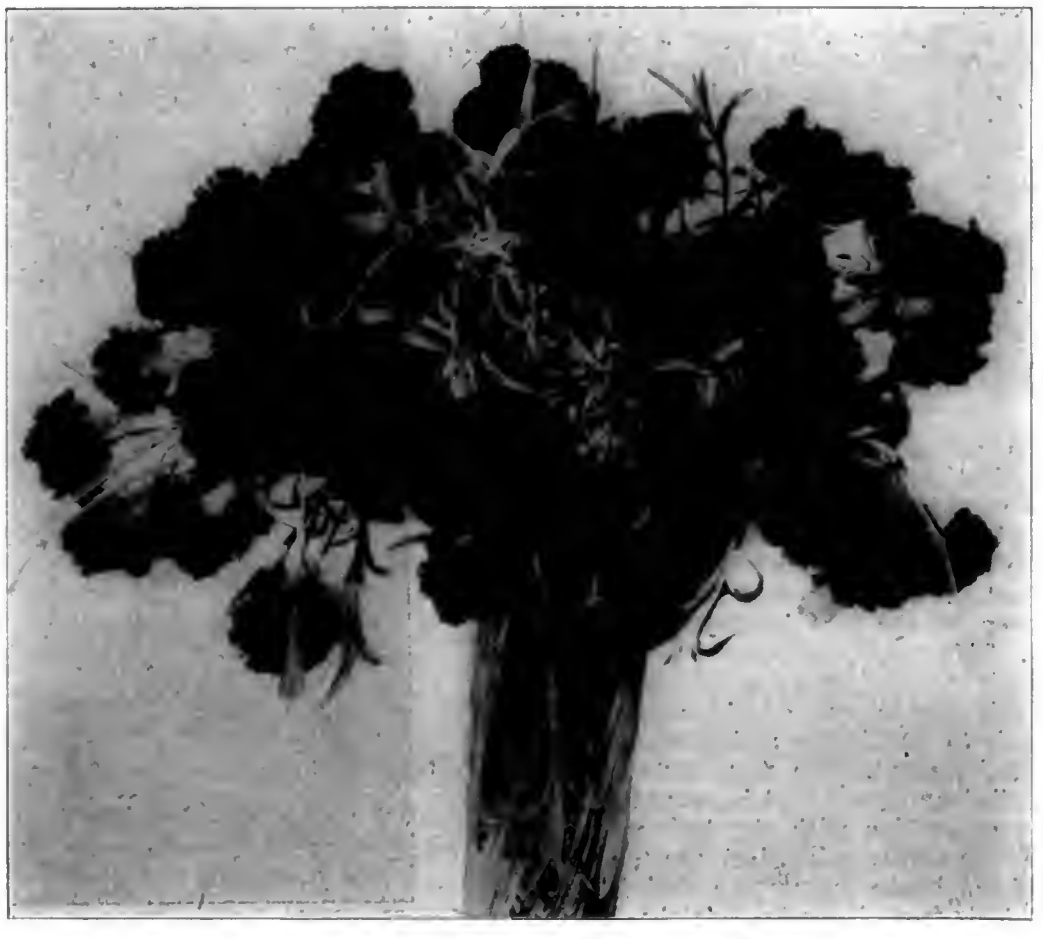
The Rooting Medium.

Last week I answered a correspondent a question about the use of coal ashes and mentioned that it is an excellent material for the propagating bed. I said, for that purpose, to "sift them through a half-inch mesh." I find that is a little coarse. A quarter-inch or three-eighths is better. Sand from the lake shore or a pit where the waves of Lake Erie once rolled, perhaps two million years ago, is easily procured here, and we use it, but if we were so situated that sand was difficult to get and perhaps paid for by the barrel, we should use our coke or hard coal ashes. I have several times seen carnation and chrysanthemum cuttings rooted in ashes quite as well as they were ever rooted in the cleanest sand. And I have never seen any trouble with fungus on a bed of ashes. But proper condition of the cutting and care are of far more consequence than the medium you use for the bed.

Tuberous Rooted Begonias.

If you raise tuberous-rooted begonias and gloxinias from seed they can now be sown. They are both extremely small seeds and are delicate to handle, for when just germinating a few hours' neglect will ruin the whole batch. We think, at the extremely low price at which these bulbs can now be purchased from specialists or our seed houses, that the small grower had better purchase annually one year old bulbs.

If you do sow seed, then fill a seed pan half full with broken crocks or coarse lumps of loam or anything that will afford good drainage. Finish off with an inch of finely sifted compost. An equal mixture of loam, sand and leaf-mold will do for any very fine seeds. Press the surface smooth, moderately firm and level, the latter being important. Water with a fine sprinkler until you believe all the soil is wet. In an hour or so the surface of the soil will be moist but not sticky. Then sow the seeds and press them gently into the soil. No covering of soil is needed. A piece of cotton cloth laid on the surface and kept moistened is about all that is necessary, but the moment the seeds germinate, remove the cloth. Uniformity of moisture until the plants are well up is the important point. You cannot expect many flowers from these young plants, at least in pots. Specialists plant the seedlings out in rich soil in frames in May or June and they make fine bulbs for the next year's flowering. It is six or seven weeks too early to start the tuberous-rooted begonias for bedding. The gloxinias are grown only for a pot plant and you can start some bulbs now or later on, even



A. B. Davis & Son's Red Sport of Gen. Maceo.



Bench of Carnation John E. Haines ot Bethlehem, Pa.

the first of April. It all depends when your demand is the best.

Gladioli Among Carnations.

There is not much gained by starting gladiolus bulbs before this, for they are slow to start before the season is advanced. We put them in the carnation beds. If you think they are a detriment to your crop of carnations and don't pay for the harm done, then don't do it, but with us they have never brought price enough to warrant a bench to themselves and we have never seen much harm done when not overdone. If in a 6-foot bed of carnations you plant four bulbs every third row, you will notice little if any difference in your carnations. The gladioli will not flower before the end of May or early June, yet that is a long while before we get them in the garden. Squeeze the bulb into the bed even with the surface.

Forcing Valley.

We would like to have said earlier something about lily of the valley. There may yet be some beginners struggling with these beautiful little flowers, as we did twenty years ago. It is too long a story how to build a box for the forcing of these roots and, briefly, for the man who only forces a thousand a week, a suitable place can easily be fixed. Let there be six inches of sand with sufficient hot water pipes beneath the bed to insure a steady heat of 75 to 80 degrees in the sand. The top heat now and for the next month can be 55 to 60 degrees. We failed several years simply because we had too high a temperature of the air. Do not cut the roots off to within three inches of the pips, but cut off only an inch from the end of the roots. Water every day until the bells can be plainly counted; then don't let water touch the flower spike, or it will discolor and rot the bells. Carefully water the sand between the rows. The first ten days the bed can be covered a foot above the crowns with thin, light boards fastened together a convenient size. Then, for another week, frames covered with cheese cloth will do, and after the first bells are showing color you can give them the full light, providing no sunshine strikes them.

Just as an illustration between success and failure, we had for several years great success in such a bed as described; then came a time that we had to force out some lilies for Easter and in March we ran the night heat up to 70 degrees and higher in the daytime. That settled our valley success. They were spindling, drooped and were all-round "N. G." Of course, as the season advances less bottom heat is needed; in fact, it must be reduced. At the same time do all you can to keep down the top temperature.

WILLIAM SCOTT.

RETURNING CONDENSATION.

Kindly advise what you consider the best solution for the following: We have a self-contained tubular boiler, having a grate area of about twenty square feet. It has fifty-two return flues three inches in diameter and twenty-six four inches in diameter and has a good draft. It stands seven feet high from floor to crown. We are at present using this boiler for hot water circulation. We intend increasing our glass, which, when increased, will consist of three attached houses, two 20x100 and one 16x100. The side walls are four feet high with no glass and ridge is ten feet high. There will also be one short span house 32x100 and ten feet to the ridge, with twenty-four inches of glass in the sides; also two separate houses, each 25x100, fifteen feet to the ridge and side walls five and one-half feet high with twenty-four inches of glass.

The floor of the first three houses is not quite as high as the crown of the boiler and the floor of the last three houses is three and one-half feet lower than that of the first three and about two and one-half feet higher than cellar floor on which boiler rests.

We desire to heat the houses with low pressure steam, if possible, at a temperature suitable for carnations (48 to 54 degrees) except the house 16x100, where we need a temperature of 65 degrees during zero weather.

We realize that a steam trap is necessary. Are there steam traps in the market which will successfully do the work with low pressure steam? And would this boiler, under low pressure steam, heat the plant, and would you advise the use of low pressure under the circumstances? If not, then would high pressure steam heat the plant, and what would you use to return the water to the boiler, considering that the pressure from the water main which feeds the boiler is only ten or twelve pounds and would not overcome the steam pressure? Would an injector with a return steam trap be as good or better than a steam pump?

W. B. C.

I judge from your statement that it is impracticable to change the location of the boiler so as to place it on lower ground and thus take advantage of a gravity system, or even to deepen the present pit to accomplish the same end. If neither of these alternatives can be used, the next best thing is the steam trap. By placing a hot-well in the floor of the present boiler room, into which to



Carnation Imperial Raised by J. E. Haines, Bethlehem, Pa.

drain the returns, a trap can be used to lift the water from the hot-well and discharge it into the boiler. In order to make a steam trap work successfully it is necessary to maintain a steam pressure of not less than six to eight pounds. When the pressure falls below this point traps with which I have had experience do not work well. If the pressure is maintained at six to eight pounds, however, there will be no difficulty in maintaining a satisfactory circulation with such an arrangement. If electricity is available an electric pump can be installed to do the work of the steam trap or a small gasoline engine might be substituted to do the same work. There are several good steam traps upon the market, among which may be mentioned the Morehead, the Albany and the Kieley. I believe that with an intelligent fireman who will maintain a constant pressure on the boiler no trouble will be experienced from the use of low pressure steam and a good trap.

L. C. C.



GIVE MORE HEAT.

We have a carnation house with solid beds. The house is only two years old. The plants give very few flowers but appear very healthy. Last season we thought we were too late getting them planted, so this year were planted in June. The house has ventilators all around. We keep the temperature about 40 degrees at night and 60 degrees in the daytime. Why don't we get flowers?

L. & A. H.

If, as you say, your plants are healthy and strong, the only trouble with your carnations is too low a temperature; 40 degrees at night will not give you many blooms during the winter on any kind of a bed, solid or raised. Raise the temperature to 50 to 52 degrees at night and 60 to 65 degrees in the day. But don't do it too suddenly; a degree each night is fast enough.

A. F. J. BAUR.

OUTDOOR CARNATIONS.

I want to grow some carnations outdoors to come into bloom about July. Please tell me how to go about it. What kinds to get and when. How to get them and how to care for them.

C. S. M.

If you want carnations for blooming outdoors as early as July you will have to get started pretty soon, so as to have good, thrifty plants that have been topped at least once before you plant them out. Cuttings that are potted before February 15 will do all right if you keep them moving. Pot them into 2-inch pots and when they are well established repot into 3-inch pots and top them after they have taken hold of the soil. Plant out as early as you can and let them come into flower as soon as they want to. Do not top them after they have been planted out if you want early blooms. Plant them where you can reach them with the hose and in good rich soil. A mulch of well-rotted manure will help them, too, to keep the moisture in the soil. The best varieties we find are Crocker and Scott in bright pink, Fair Maid in light pink, Flora Hill and Mrs. Fisher in white and Crane in red. This list might be improved upon in the newer varieties, but these are all good and moderate in price.

A. F. J. BAUR.

CARNATION NOTES.—EAST.

Feeding.

With the days growing noticeably longer, the questior of feeding comes up for consideration. I know many growers commence this operation much earlier, but my experience has been that with proper methods of handling, it is not necesary; neither is it advisable, as a rule, until the short, dark days of winter are past. If your soil was of good quality when the plants were benched, intelligent care will have kept the stock in far better condition than if food of a stimulating nature had been employed.

Soil may be of very good quality but deficient in some needed element or perhaps may contain correct proportions of fertilizers but not in a readily available form. Top dressings of the needed element and the application of lime dispose of these cases in the order given, being only a small part of that which goes to make up intelligent care.

One must needs be well posted on the peculiarities and make up of his soil, how much has been cut from the plants and their state of health when considering the question of feeding. It would not be advisable to feed a variety which for any reason has not bloomed well; neither will any amount of feeding benefit a sickly lot of plants. The chances are they have the dyspepsia already.

In the case of a variety planted early and which has been giving good returns all winter and its vigorous look indicates continued bloom, the case is different. The soil must be somewhat depleted, as either size of bloom, strength of stem, color of foliage or brilliancy in the flower will indicate, but be sure the stock is healthy, well over the holiday strain and a goodly number of strong shoots on the way.

It is good policy before applying liquid food to first rake the surface soil very lightly. This not only admits air but prevents too rapid leaching of the liquid into the soil, resulting in a loss of food or unequal feeding.

GEO. S. OSBORN.

SEMI-SOLID BEDS.

I would like to hear again, through the REVIEW, on the subject of semi-solid beds for carnations. Are they giving as good or better results than the raised benches? How does the growth, quality and quantity of bloom compare? For an even-span carnation house thirty feet wide with walls five and one-half feet high and fourteen and one-half feet to the ridge give the right pitch to the roof?

J. C. H.

Every season we hear of more growers adopting either solid or semi-solid beds for growing both roses and carnations, and among them are large growers, too, and among the most successful in the land. Just today we had the pleasure of an hour's visit from that progressive



Two Benches 5x500 Feet of Carnation Crisis.
(Grown by Davis Bros., Bloomburg, Pa.)

southerner, Mr. Joy, of Nashville, and he told us that their experience with solid beds has been so satisfactory that all their benches are going to come down and give place to solid beds for carnations and roses, including Beauties.

There is no doubt in my mind that, all things considered, the solid beds or semi-solid, beds are preferable to raised benches. The one thing you want to be sure of is that you have good drainage. If the ground on which you build is of a sandy nature you can just as well have solid beds, but if it does not naturally drain well, then you would better build a semi-solid bed, using a foot of cinders, coarse ashes or broken stone and about four inches of soil to plant in. You will not find much, if any, difference in quality and quantity between the two methods except what may be caused by the soil used or the grade of culture given. These will count for just as much with the one as with the other and in fact they are the main factors.

The dimensions you give for sidewalls, ridge and width will give about the right pitch to your roof. A. F. J. BAUR.

HAD A CHECK.

I send specimens of Lawson, Norway and Joost which are crippled, the foliage seeming unable to unfold. What is the trouble? Only a few plants are as yet affected. L. M.

The specimens came so badly frozen that I was unable to form any idea of what might be the cause of the trouble. Frequently such trouble is brought on by a severe check of some kind: Dry at the bottom of the bed, too strong a dose of food, a sudden change in temperature, or something like that.

A. F. J. BAUR.

TOO COOL.

I send specimens of carnation foliage to show how it is turning brown and drying up. They are in a house 40 to 45 degrees at night and 60 degrees in the day. The pipes are under the benches and I have found the soil dry a few times. I also send specimens of White Cloud. The plants are strong, but the flowers do not develop as they should. These are in a house 45 to 50 degrees at night and 65 degrees in the daytime. On account of being planted late these have never had any fertilizer.

C. U.

The drying of the foliage on your plants is caused by a bacterial disease, brought on by a general unhealthy condition of the plants. The White Cloud buds acting as they are doing is no doubt also due to the same cause. You are running them entirely too cool; 40 to 45 degrees is too low a temperature for any carnation to do anything in. Raise the temperature to 48 to 52 degrees at night and 60 to 65 degrees in the daytime. Pick off all the diseased foliage and the weak buds and when you see a renewal of growth give them a thin mulch of well rotted cow manure. Run them a little on the dry side until they begin to grow and sprinkle some wood ashes or air-slaked lime on the soil and water it in. Do this as soon as you get the soil into the right condition. Do not propagate from this stock, but buy healthy cuttings from some responsible firm. Plant earlier next season. The first of September should see all your carnations planted and started.

A. F. J. BAUR.

THE BLIGHTED CARNATION.

The note below is reprinted from the January issue of Everybody's Magazine, the publication which is printing Lawson's articles on "Frenzied Finance." His readers will hope that Mr. Lawson is more accurate than this fellow-contributor:

There was a time not long ago when the carnation was the favorite flower, surpassing in its fleeting popularity even the violet and the rose. President McKinley's fondness for the red carnation is still fresh in every memory, as is his habit of giving Mrs. McKinley a bouquet of carnations every morning. A very beautiful red carnation is called The President in remembrance of his liking. The carnation deserved the enthusiasm of its lovers. It is lovely of color, shape and fragrance. It is half hardy. It is within the reach of not too plethoric purses. But it has fallen on evil times. Its old enemies, the green fly, the red spider, and the thrips, are easily fought. Even the bacteria that attack it can be conquered. Against stem-rot and dry-rot, however, no successful defense has been found. It has lost its vitality. Its constitution has broken down. The average variety lives only three or four years and produces but a single flower to a stem. Formerly there were eight to twelve flowers to a stem. In short, the carnation is dying of some unknown disease. Which means, translated into economic language, that carnations will be rarer and costly.



CARE IN CUTTING.

During the winter months, when plants are in their most torpid state, root action slow and eyes hard to start, great care should be taken when taking the cut to leave the very best eyes on the flower stem in order to secure a future crop. Which are the best eyes for this purpose is still a mooted question and especially so where the true hybrid remontant is in question. With teas, such as Bride and Bridesmaid, it is a safe practice to leave at least three well developed leaves on the stem, as any one of these is certain to produce a good flower stem, and the others will produce as many leaves as will keep root action going when the flower is cut without causing a plethora of blind wood, which should be carefully guarded against and which can easily be induced by careless cutting.

With hybrid teas, such as Meteor, it is safe to leave even more than this number, as we invariably get the best stems from those plants which have been cut rather high. After years of experimenting with this variety, which is not quite a dead one, I am in favor of leaving at least four eyes, even on the strongest stems, as it is usually the topmost eye that gives the best stem.

On parallel benches I have tried close cutting, that is, leaving one or two eyes on one bench and on the other leaving from four to five. This, of course, showed at the first cut in favor of the close cut plants by reason of the longer stems, but during succeeding crops they failed to keep up with the other benches.

When cutting our first crop of Beauties an inch or two more in length of stem adds materially to the price and many of us are so anxious to catch that elusive dollar that we lost sight of the others that are certain to come our way if we only treat our plants right. By cutting so very close in September and October we denude our plants of their breathing apparatus, which checks root action and causes the wood to harden abnormally and the consequence is that our plants remain inactive during the winter and only start into vigor with the spring growth, when the best of the harvest is over.

Such varieties as Chatenay, Ivory and Golden Gate, which show a sparseness of foliage on the stem, should also be allowed at least four eyes, as this has a tendency to sustain and keep the plants vigorous, strong and active, lessening the tendency to take a rest, which it is the duty of every grower to obviate, and the fewer leaves we leave on a plant the greater encouragement we give to rest. And when they enter on this condition during the winter it is a hard problem to entice them to go to work again. RIBES.

ROSE SEEDS.

Please tell us how to handle rose seeds. I have two pods of seeds still on the plants that I have fertilized. Can the seeds be sown as soon as ripe or must they be stratified? F. P. B.

In order to perfect the germs the hips must remain on the bushes until they are perfectly ripe. After gathering they should be dried in the sun and afterwards rubbed out. The seed can then either be sown at once or, if the season is not suitable, the hips can be kept whole and stored in dry sand or soil until spring.

A shallow box or pan filled with soil of a sandy nature suits them. Sow in drills and cover to the depth of half an inch and place the box in a cold frame. Keep the soil moderately moist and during the summer use a light mulch of moss to keep the surface cool.

The seeds take a long time to germinate, many of them not appearing the first season, so patience must be exercised when dealing with this class of work.

As soon as the plants are large enough to handle they should be transplanted or put into 2-inch pots, shaded until root action is well commenced, and given plenty of air at all times. It usually takes a year to produce the first flower and these give us little indication, beyond color, or what quality the rose is likely to be. Ribes.

MME. CHATENAY.

Thinking of planting some Chatenay roses and not having had any experience with it, I would like to know if its constitution is robust enough for a back bench, also if grafted plants are superior to those on their own roots? I use grafted stock for all teas on account of club root but thought that perhaps Chatenay is vigorous enough to overcome this. H. T.

Chatenay, like all other roses, loves light and sunshine and, though it possesses a strong constitution it would be a mistake to give it an inferior position, as this is a certain means of weakening it.

So far as I have tested it, there seems to be no appreciable difference between grafted and own-root stock but perhaps in the grafted stock the foliage may be a little closer on the stem. If you are troubled with club root or eelworms it is always safer to use grafted stock, but as yet I have heard of no complaint with this variety on that score. Ribes.

EARTHWORMS IN ROSE SOIL.

Please let me know whether or not the common fish worm is harmful in the soil of a rose bed and, if so, the best way to get rid of them. H. A. F.

The common earthworm does no real harm to a rose bed unless they become too plentiful. They can easily be destroyed by an application of lime water in the proportion of one pound of unslaked lime to eight gallons of water. Giving the bench a fair watering with this will certainly get rid of them without causing the least injury to the stock. Ribes.

ROSE RICHMOND.

It may be of interest for rose growers to learn what we know of the new rose, as we are located within a few miles of Mr. Hill's place and are familiar with the entire history of this fine new variety. We visited the greenhouses when the first plant was grown from the seed and were at once well impressed with the flower and plant. We saw it the next season, when he had something less than a hundred plants, when we became so enthusiastic over it that we made a liberal offer for the entire stock, which he very wisely refused, although the amount was not small. When he announced to us a few weeks ago that he was ready to take orders, we immediately placed a large order, the first he received.

As we have seen the rose during these three seasons, it has always shown a most vigorous growth, good health and very free flowering. Looking at a bench of it, it never has that uneven appearance that most all benches of Liberty have. It shows much of the habit and form of one of its parents, Lady Battersea. An unusually long pointed bud and a stiff, wiry stem even in the short lengths, although it makes a large majority of good standard stems. The color is a grand red, very similar to Liberty, but a little lighter. During a recent visit we looked over about 3,000 plants in full crop for some deformed or "dumpy" looking buds, but did not find one.

The above is what we know of the rose, and we have probably seen more of it, and watched it closer than any other grower outside of Richmond.

Heller Bros.

BE EXPLICIT.

I have about 1,000 Brides and Bridesmaids and would like to know how to handle them, whether to keep them warm, or what? I have them in a house which is about 60 to 65 degrees days and 50 to 55 degrees at night. How would it be to put them in the rose house and cut them back? W. M.

Had this querist been a little more explicit it would have enabled me to give a more definite answer. For instance, I have to guess whether the plants are in pots or in the bench. If they are in pots, as I presume they are, from the freedom with which he speaks of transferring them to the rose house, I would advise him not to cut back at all, but to give them sufficient pot room and feed occasionally with liquid manure. The temperature at night is all right but they enjoy a run up to 80 degrees when the weather is bright, especially when free ventilation can be given. Ribes.

THE HISTORY AND CULTURE OF GRAFTED ROSES FOR FORCING

BY ALEXANDER MONTGOMERY, JR.,
WABAN ROSE CONSERVATORIES, NATICK, MASS.

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Grafting Case for Few Plants.

While on the subject of cases I may mention a method that has proven very satisfactory for a limited number of plants, such as seedlings or a new variety, when the wood is scarce and needs special care. Take a box of convenient size, a cracker box is good, putty up all the cracks, put an inch of well moistened sphagnum moss in the bottom, and place the case on the sand in a propagating bed; set in the grafts, lay on a light of glass, making tight with putty, and let alone. After about ten days handle the same as a regular case. With careful grafting 100 per cent can be taken out with this method.

Grafting Dormant Wood.

There is also a scheme that can be used for dormant wood which does not require a grafting case. It cannot be recommended for general use, but only in special cases, such, for instance, as when a grower has parted with a five-dollar bill for some "highly recommended" French novelty and feels that he possibly might get his money's worth if only he could graft the few little dormant eyes.

To proceed, then, select good plump stocks direct from the bundles, picking out those which have not started from the eyes. Take scions that are well ripened and dormant. The operation of making the union is the same as for regular grafting except that after tying it should be well covered with grafting wax, which should be melted in a water bath so that it may not be hot enough to injure the wood. After waxing they should be packed in boxes in upright layers, with sphagnum moss between, and placed in a house with a temperature of 45 degrees.

In from four to six weeks, or at the time when the stocks begin to send out white rootlets, they may be taken out and potted, when they should be treated the same as though they were newly potted stocks alone, except that as the roots begin to take hold of the soil the temperature should be gradually increased. After the bud in the scion has started to grow the temperature should reach normal.

This plan has worked well for grafting dormant hybrid perpetuals and, also, it can be used quite successfully with dormant Kaiserin and Carnot.

Beds or Benches?

Having now a good batch of choice young stock, the question arises, are beds or benches preferable? For plants that are to be forced two or three years in the same soil I should say most decidedly use beds, for a variety of reasons. The Manetti, being a gross feeder, requires plenty of room in which to search for food. With our own rather light soil we plant in from seven to eight inches; but this matter of the proper depth of soil is, of course, an entirely local one and depends upon the texture of loam which is available for the work, a heavy, fine-grained clay necessitating a lesser depth in order to allow air and water to pass through it readily.

A Good Bed.

A very serviceable and economical bed is built as follows: Drive 3x3-inch chestnut posts four feet apart along the line of the outer edges of the bed; the width of the bed will, of course, vary according to the notions of the grower. Spike onto the posts, on each side of the bed, two lines of plank 8x 1½ inches, leaving the bottom plank raised two inches from the ground. Fill in about six inches of stones or broken rocks, placing carefully so as to allow for free circulation of air. Over this put three or four inches of coarse gravel, dump in the soil and the bed is ready for planting. In localities where

gravel or stone is not plentiful, drain tile can probably be secured quite reasonably and ought to answer the purpose equally as well as stones and gravel.

Of course, if a man thinks that his grandchildren two generations hence will be satisfied with any form of bed which happens to be the fashion of the present day, he may construct any of the elaborate forms, using cement or brick, or any of the patented whatnots; but the one described will be used generally by the grower whose capital for the increase of his glass area must be taken from the profits of his business.

Trend Toward Solid Beds.

The trend at the present time seems to be toward so-called solid beds, as nearly all the large ranges, at least in the east, which have been constructed recently are equipped with solid beds. One of the most striking instances of this reversion from raised benches to solid beds is found in the cases of those Beauty growers who a few years ago set out young plants on benches, and who are now growing their Beauties in beds as long as three, and in some cases four, years without replanting. While, as a rule, they do not claim any great increase in the yearly average of quality, they do get a longer cutting season, in addition to the saving in young plants, soil and cost of planting.

One of the chief objections to growing plants more than one year on benches is the difficulty of properly drying them off on account of the danger of the soil becoming too dry and killing the roots completely. The solid bed, it may be remarked in this connection, maintains a more even condition of moisture and temperature, both summer and winter, than a bench, and consequently lessens the chances of injury to the plants from neglect or incompetence on the part of the workman.

While plants on a bench can be carried over successfully by the experienced grower, the beginner will find that his chances of failure are considerably lessened if he makes his first attempt in solid beds.

Union Must Be Buried.

The subsequent treatment of the grafted plants does not differ radically from that of own-root roses except in a few particulars. The one thing which is absolutely necessary, and which must be done to secure the best results with grafted roses, is to plant them so that the whole of the union of graft and scion will always be from one-half to one inch below the surface of the soil. This is imperative, not only that the plants may make roots from the union, but also for other reasons which do not seem to be so easily explained; because, aside from this question of roots, it seems to be a fact that the Manetti union needs to be surrounded with that condition of air and moisture which is found best in soil.

Moreover, the cells that form the callus at the union have a tendency to dry up when exposed to the sun and air, and consequently are not able to perform properly their functions of transmitting the sap from stock to scion. For this reason, also, I believe that young grafted plants which have been allowed to become pot-bound and thoroughly hardened, have received a check from which they will never fully recover.

I shall repeat, then, if conditions are such that the grafted plants cannot be given full justice by placing the union below the soil, then by all means do not attempt to grow them, but use own-root plants in preference.

(To be continued.)



One-Year-Old Grafted Plant of Bridesmaid Rose.

(A typical example of the way in which a grafted plant sends out its roots. The upper are entirely own roots, the middle are on the union, the lower are entirely Manetti.)

BOULDER, COLO.—C. F. Fawcett is suffering from blood poisoning as a result of a puncture of the skin by a rose thorn.

ROCKFORD, ILL.—Owing to other interests H. O. Hinkley will give up the retail end after this winter but will continue the greenhouses.

NEENAH, WIS.—Louis Otto reports business good. Last season he built an additional house 28x60 for carnations and one 10x50 for violets, also putting in a big steel boiler, so that he has plenty of heat.

PRONOUNCING DICTIONARY.

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Frequent inquiry as to the correct pronunciation of plant names has led us to compile the following list of names, selecting those in most common use in the trade, and including botanical terms most frequently met with in articles upon plant culture.

In our list we have used the following

KEY TO PRONUNCIATION.

a as in fat	e as in met	ō as in note
ā as in fate	ē as in mete	ŏ as in move
ä as in far	ė as in her	ô as in nor
â as in fall	i as in pin	u as in tub
ă as in fare	ī as in pine	ū as in mute
à as in Persia	o as in not	ů as in pull

The syllables to be accented are marked thus ′.

(CONTINUED FROM LAST WEEK.)

P

Pæonia—(pē-ō′ni-å).
Palm—(päm).
Palmaceæ—(pal-mā′sē-ē).
Panax—(pā′naks).
Pancratium—(pan-krā′shi-um).
Pandanus—(pan-dā′nus).



A Table Decoration Exclusively of Roman Hyacinths and Smilax.

Paniculata—(pan-ik-ū-lā′tå)
Panicum—(pan′i-kum).
Pansy—(pan′zi).
Papaver—(pā-pā′ver).
Papilio—(pā-pil′i-ō).
Papilionaceous—(pā-pil-i-ō-nā′shius).
Pappus—(pap′us).
Papyrus—(pā-pī′rus).
Pardanthus—(pär-dan′thus).
Paronychoides—(pā-ron-i-kō-ī′dēz).
Parterre—(pär-tãr′).
Parvum—(pär′vum).
Passiflora—(pas-i-flō′rå).
Patens—(pat′enz).
Paulownia—(pâ-lō′ni-å).
Pavonia—(pā-vō′ni-å).
Pectinata—(pek-ti-nā′tå).
Pedata—(pē-dā′tå).
Peduncle—(pē-dung′kl).
Pelargonium—(pel-ăr-gō′ni-um)
Pellæa—(pe-lē′å).
Peltata—(pel-tā′tå).
Pennisetum—(pen-i-sē′tum).
Penstemon—(pen-stē′mon).
Peony—(pē′ō-ni).
Peperomia—(pep-e-rō′mi-å).
Perennial—(pe-ren′i-al).
Perennis—(pē-ren′is).
Pereskia—(pē-res′ki-å).
Perilla—(pē-ril′å).
Periploca—(pe-rip′lō-kå).
Peristeria—(per-i-stē′ri-å).
Peronospora—(per-ō-nos′pō-rå).
Persica—(per′si-kå).
Petal—(pet′al).
Petunia—(pē-tū′ni-å).
Phajus—(fā′jus).
Phalænopsis—(fal-ē-nop′sis).
Phanerogam—(fan′e-rō-gam).
Philadelphus—(fil-a-del′fus).
Philodendron—(fil-ō-den′dron).
Phlox—(floks).
Phœnix—(fē′niks).
Phormium—(fôr′mi-um).
Photinia—(fō-tin′i-å).
Phrynium—(frī′ni-um).
Phyllanthus—(fi-lan′thus).
Physalis—(fis′a-lis).
Physostegia—(fī-sō-stē′ji-å).
Phytolacca—(fī-tō-lak′å).
Picea—(pī′sē-å).
Picotee—(pik-ō-tē′).
Picturata—(pik-tū-rā′tå).
Pilea—(pī′lē-å).
Pimelia—(pī-mē′li-å).
Pinna—(pin′å).
Pinnæ—(pin′ē).
Pinnata—(pin-ā′tå).
Pinnule—(pin′ūl).
Pinus—(pī′nus).
Piper—(pī′per).
Pistia—(pis′ti-å).
Pittosporum—(pi-tos′pō-rum).
Platanus—(plat′a-nus).
Plateau—(pla-tō′).
Platycerium—(plat-i-sē′ri-um).
Plena—(plē′nå).
Plicata—(pli-kā′tå).
Plumbago—(plum-bā′gō).
Plumosus—(plō-mō′sus).

(To be continued.)

THE RETAIL FLORIST.....

LUNCHEON TABLE DECORATIONS.

Accompanying this note is the picture of a round luncheon table decorated for a party of eight. The color scheme is white and green, and the center-piece is a star of Roman hyacinths and smilax. The central point of the star is a vase eight inches high, containing fifty Romans. Around this, traced freehand with strings of smilax, is the outline of a star. After outlining the design roughly, lay on extra pieces of smilax to make the edges the same thickness all around. Smilax will keep the star form by being merely laid on the cloth; no pinning or wiring is necessary.

Next, just within each point, is placed a crystal candlestick holding a green candle and a silver filigree shade. After this, separate three or four strings of smilax into the small strands of which they are composed. Fasten one end of one of these small strings around a candlestick, about one-third of the way up, and carry the strand to the center vase and fasten there. It should be draped loosely. This forms the center line of one of the points of the star. Fill the center lines of the other points in the same way. Then run these light strings of smilax to other points on the outline of the star till you have made a network of green from the center vase to the edge of the star all around. No fastening is necessary. The sprays will hold themselves in place if set in deep among the hyacinths in the vase and will catch among the heavier foliage on the edge. After the green part of the star has been completed, trim about one-half the stems from fifty Romans and scatter them on top of the edge of the smilax which outlines the star. Set the stems well down among the smilax leaves and let flowers fall along the smilax lengthwise, and the star is completed.

The place cards for the table were white stars with green edges done in water colors. The favors were smilax boas, each one a yard long, the light end being doubled back and a small piece added to make the thickness uniform. Half a dozen hyacinths were dotted along each boa and at one end was a white tulle bow. This end of the boa was laid at the place and the other end thrown over the back of the chair. The hostess set the example of placing the boa as the guests were seated. It was necessary, of course, to fasten the hyacinths on the boas with fine wire, and just as necessary to wrap the sharp ends of the wires back to conceal their scratching qualities. The boas required one and one-fourth strings of smilax each, one-half dozen hyacinths and one-half yard of tulle. In the star there were used nine strings of smilax and 100 Romans and one string festooned the chandelier overhead, making a total of two dozen smilax and 150 Romans. The table was six feet in diameter.

Gertrude Blair.

SOCIETY OF AMERICAN FLORISTS.

Directors Appointed.

President Vaughan has appointed Messrs. E. V. Hallock, of Queens, N. Y., and W. H. Elliott, of Brighton, Mass., to serve as directors for the three-year term, beginning January 1, 1905.

State Vice-presidents.

Also the following gentlemen to serve as state vice-presidents for the year 1905:

Alabama—Hugh Seale, Birmingham.
California—Hans Plath, San Francisco.
Colorado—J. A. Valentine, Denver.
Connecticut—John Coombs, Hartford.
Florida—C. D. Mills, Jacksonville.
Georgia—A. C. Oelschig, Savannah.
Illinois, S.—John Willius, Danville.
Illinois, N.—P. J. Hauswirth, Chicago.
Indiana—Irwin C. Bertermann, Indianapolis.
Iowa—Theo. Ewaldt, Davenport.
Kansas—C. P. Mueller, Wichita.
Louisiana—Harry Papworth, New Orleans.
Maryland—R. Vincent, Jr., White Marsh.
Massachusetts—W. W. Edgar, Waverly.
Massachusetts—Thos. Collins, Hinsdale.
Michigan, W.—Henry Smith, Grand Rapids.
Michigan, E.—R. G. Boehringer, Bay City.
Minnesota—O. J. Olson, St. Paul.
Missouri, E.—F. J. Fillmore, St. Louis.
Missouri, W.—Albert Barbe, Kansas City.
New Jersey—C. W. Turnley, Haddonfield.
New York, W.—F. H. Traendly, New York City.
New York, E.—George W. McClure, Buffalo.
North Carolina—James M. Lamb, Fayetteville.
Ohio, N.—James Eadie, Cleveland.
Ohio, S.—H. M. Altick, Dayton.
Pennsylvania, E.—H. H. Battles, Philadelphia.
Rhode Island—Arthur Griffin, Newport.
South Carolina—C. A. Moss, Spartanburg.
Texas—H. Kaden, Gainesville.
Virginia—C. Ponnet, Alexandria.
Wisconsin—W. A. Kennedy, Milwaukee.
Wisconsin—George Vatter, Marinette.
Ontario—T. W. Duggan, Brampton.

WM J. STEWART, Sec'y.

HISTORY OF DOROTHY FAUST.

I see in a recent issue of the REVIEW that the New York chrysanthemum committee through Eugene Dailledouze, chairman, in passing upon the merits of a chrysanthemum sent to them as Dorothy Faust, declared that it was a known variety, Mrs. Robert McArthur. In justice to myself, for I was the exhibitor, I feel I should make some statement and ask a few questions.

If it is McArthur, how did I get it? I never had, and I do not think anyone else around Philadelphia, had McArthur, else it would have been recognized.

Four years ago I had a batch of Bonnaffon chrysanthemums in 3-inch pots and, wishing to increase my supply, I took the top out of each. When I benched them I planted all of the original 3-inch lot and all of the plants produced from the top cuttings. When they bloomed, among the latter lot I noticed this white variety, an unusually fine clean flower. I had bought no chrysanthemums at all from any one that year and the year before only a lot of Chadwick from Robert Craig & Son. Among the original batch of 3-inch Bonnaffon I speak of there was no white. I carefully lifted this stranger among my Bonnaffons and the following year had about twenty-five plants, showing it to everyone who came in, and the next year I had quite a bench full. Mr. Craig saw it and so did Mr. Harris. Neither of them knew it and at Mr. Craig's suggestion I sent it to E. G. Hill, of Richmond, Ind. He said it was an unusually fine white but could not help me in naming it. I also sent a flower to Elmer D. Smith and he could not place it.

So I wonder, and still the wonder grows, how this could be Mrs. Robert McArthur. How did it get among my flowers? Could it be possible for two flowers to be so much alike as to be mistaken for one another?

If it really is McArthur I am glad to find the name for it. The only difference it will make to me is that I shall not sell any of the stock, and those who wish to grow it can buy McArthur and I shall grow my own stock.

HARRY J. FAUST.

THE BOSTON CLUB MEETING.

As briefly mentioned in last week's REVIEW, the Gardeners' and Florists' Club's meeting at Horticultural Hall on January 17 was an excellent one, the attendance being the largest in the history of the club. The retiring president, J. A. Pettigrew, in a felicitious speech, cordially thanked the members for the excellent support he had received from them during his tenure of office and predicted continued progress under the new board of officers elected. Mr. Pettigrew then handed over the gavel to his successor in office, James Wheeler, who, with the other officers, was installed and introduced to the members in proper form.

Mr. Wheeler, in an excellent speech, expressed his sincere thanks to the members for the honor conferred upon him and said if he could fill the chair half as well as the retiring president he would do well. He asked for co-operation in making 1905 the club's banner year. Mr. Wheeler was warmly applauded when he sat down.

J. K. M. L. Farquhar opened a discussion in regard to the form the awards of the club should take. He was anxious they should not duplicate those of the Massachusetts Horticultural Society. Quite a number of members confessed their views on the subject, including Messrs. Finlayson, Fewkes, Orpet, Stewart, Anderson, Craig and others, most of the speakers favoring Mr. Farquhar's suggestions.

There were numerous excellent exhibits on the tables and the president appointed Messrs. Fisher, Fewkes, Downs, Duncan, Finlayson and Craig a committee on awards. They recommended awards as follows: Certificates of superior merit to A. J. Guttman, for Carnation Victory and E. O. Orpet for Cattleya Susannæ (C. Skinneri x C. Warneri). Certificates of merit to Charles Sander for Begonia Gloire de Lorraine var. Tunford Hall; to Palmer & Son, Lancaster, N. Y., for Carnation Red Lawson, and C. W. Ward for Carnations President, Ethel Ward and Robert Craig. Votes of thanks were given to the following: Carnations Octoroon, Lieut. Peary and Christmas Eve from C. W. Ward; H. A. Stevens Co. for their new Variegated Lawson, which was certificated at the December meeting; Carnations Prosperity, White Lawson and Enchantress from Guttman & Weber; seedling carnations from Backer & Co.; seedling carnations from Thomas Waldie, Beverly, Mass., which included very fine crimson and variegated varieties; white seedling carnations from Ernest E. Wild, Braintree, Mass., a cross between Lawson and Olympia, very promising and one the committee hoped to see again; Begonia Vesuvius from James Wheeler; Mont Blanc sweet peas from William Sim; very fine Lilium Harrisii from Alexander Ogg, carrying thirteen to fifteen flowers per stalk.

E. O. Orpet, in addition to Cattleya Susannæ, shown for the first time in America or Europe, had the following seedlings which attracted much attention: Lælio-cattleya Haroldiana, Cattleya x Thayeriana, Epi-cattleya, auranti-media, Lælio-cattleya epicasta (L. pumila x C. gigas), Lælio-cattleya Corona (L. cinnabarina x C. labiata), Lælio-cattleya x Milton (C. speciosissima x Brassavola glauca), Lælia x Perrini, also a fine spike of Odontoglossum crispum.

Each of the exhibitors spoke briefly on his exhibits. Frank Hamilton, of Queens, N. Y., who was present in Mr. Ward's absence, spoke for the Cottage Garden's carnations, stating that they were not selected flowers, but merely such as they were shipping to New York daily. A. J. Guttman responded for Victory, describing its good qualities. He said they had found no faults in this variety so far. They would bench 20,000 plants of it next season. Charles Sander said Begonia Tunford Hall was a grand good thing, however much some might decry it. Alexander Ogg said his Lilium Harrisii were grown in a carnation temperature and William Sim that his sweet peas were sown in July, grown in solid beds and given a night temperature of 50 degrees. E. O. Orpet spoke briefly on his seedlings, in which he said he supposed many present were not interested. Quite a number, however, thought them the most meritorious exhibit in the hall.

It was voted enthusiastically to join in the invitation extended by the Massachusetts Horticultural Society to the American Carnation Society to hold its 1906 meeting and convention in Boston.

J. Woodward Manning, being introduced, gave an excellent lecture on "The Gardener and Landscape Gardening," which was listened to with the closest attention. Mr. Manning gave numerous lantern views to illustrate his lecture. It was regrettable that the lateness of the hour prevented any discussion, as many there present would liked to have spoken on some phases of landscape question. Refreshments were served before the meeting closed, which was about 11 o'clock. All present pronounced the meeting so helpful that they felt they must ask more of their friends to join. Thirteen new members were elected during the evening. W. N. CRAIG.

RE-POTTING KENTIAS.

I have several thousand fine kentias in 2-inch pots ready for shift. Will you kindly tell me if I shall shift them at once or hold till early summer? I cannot give better than 60 to 65 degrees temperature. I want this stock ready for 4-inch stock in the spring of 1906. F. R.

As kentias contine to grow more or less throughout the winter it would be quite proper to repot this stock at once, shifting them from 2-inch to 3-inch pots. By following this plan the plants should be ready for another shift into 4-inch pots by next September or possibly a little earlier than that, and ought to make strong 4-inch stock for the spring of 1906.

A night temperature of 60 to 62 degrees is quite high enough for the kentias and will produce better and more stocky plants than if they are kept warmer and the lower temperature is less favorable for the spread of red spider and thrips. W. H. TAPLIN.

Vegetable Forcing.

VEGETABLE MARKETS.

Chicago, Jan. 25.—Cucumbers, 50c to $2 doz.; leaf lettuce, 20c to 25c case; head lettuce, $2 to $3.50 bbl.

Boston, Jan. 24.—Cucumbers, $5 to $18 box; tomatoes, 30c to 40c lb.; lettuce, 25c to 50c box; mushrooms, 50c to 60c lb.; radishes, 40c to 60c box; mint, $1.25 doz. bunches; asparagus, $3 to $4 doz. bunches.

VARIETIES OF LETTUCE.

What variety of lettuce would you recommend where it is to be started in the greenhouse and then removed to cold frames? E. M.

If confined to one variety for the purpose you mention I would choose Boston Market on account of its earliness. Big Boston is larger and does well in frames but takes about eight days longer than Boston Market to mature. Another first-class lettuce that matures about the same time as the Big Boston is Deacon. This is the best standing variety we have ever tried. Unless you want to cut your lettuce all about the same time I would advise you to try all three varieties. W. S. Croydon.

BEST TOMATO.

Which will be the best tomato to grow for early market, Lorillard or Earliana? We raise plants in pots and would be glad of advice. S. H. B.

You will not make any mistake in growing Earliana; it is a good all-round extra early variety. The fruit, though somewhat below average size, is uniformly smooth and well shaped. Early Freedom is also good, though rather small fruited. Lorillard has many good points as an extra early sort but with us in recent years has produced a number of badly shaped fruits. This is most pronounced in the first of the season; later on the fruits are better but as the earliest fruits are the ones for which the best price is obtained, this is a serious drawback to the Lorillard variety and we now grow Earliana and Freedom in preference.

W. S. Croydon.

LIQUID MANURE.

We will soon be out of the dull, short days, and the rays of Old Sol will begin to have a warmer feeling. All plants will soon begin to show fresh vigor and demand a more abundant supply of moisture. When the benches begin to dry out pretty frequently the time has arrived when occasional applications of liquid stimulants will be of benefit to such crops as are in a fit state to take it. There is a good deal in knowing just when it should be applied to certain plants, as if applied injudiciously, time and trouble are not only wasted, but more harm than good may result.

The forcing crops to which liquid manure is most beneficial are tomatoes, cucumbers and cauliflower. With any of these there is a danger of creating a soft growth if liquid stimulants are applied too early. If tomatoes and cucumbers are allowed to run to soft growth in the earlier stages, the setting of the fruit will be seriously interfered with. The time when the liquid will do the most good is after a good set of fruit has been procured; besides, it is at this time that the greatest strain is placed on the plants; hence the necessity for assistance by whatever stimulant can be most readily assimilated.

Manures in liquid form, being immediately available for plant food, are for this purpose much more preferable than solids. Solid ingredients, such as bone manures, are best added to the soil at the time of planting, and even then there is always a doubt in my mind whether the plants can sufficiently assimilate the food properties of these to make the application profitable, seeing that the season of growth is so short, but a few weeks being occupied from the time the plants are set in the soil until the crop is harvested and the plants have to be thrown out to give place to others. True, in some cases a second crop can be put in the same soil, but this is only the case with one of the subjects under consideration; namely, cauliflower. I consider it would be a foolish procedure to plant either tomatoes or cucumbers in soil in which the same crop had already been growing

My invariable stand-by for liquid is pulverized sheep manure. In this I may be a little old-fashioned, but I consider that this contains all the elements necessary for the purpose in hand in about as easily assimilable a form as they can possibly be applied. Sulphate of ammonia and nitrate of soda are both quick acting manures suitable for application in liquid form, being readily soluble in water. Usually about one ounce of either to four gallons of water will be about the right strength, but, as the strength varies, it is not always possible to judge of the exact amount necessary. The above quantity, however, can be given with safety, and the operator must judge for himself after the first two or three applications whether the strength can safely be increased.

My method of making liquid from pulverized sheep manure is to use about half a bag for a large barrel of water. After tying up the bag I put bag and all in the barrel. All the substance of the manure soaks through the bag, while the sediment is held back, thus giving a liquid that will pass readily through the soil without danger of clogging. If the manure is placed in the water at night, by next morning the liquid will be strong enough to use and may even want to be diluted. As the plants can only take up a limited quantity at a time, it is better to err on the safe side and apply it weak rather than too strong, increasing the strength as the plants show a capacity for taking it. No hard and fast rule regarding strength can be laid down, and only by observing the effect on the plants can the operator tell when they are getting enough or when they are getting too much. About twice a week is usually often enough to apply the liquid, but this must be regulated according as the plants dry out. They should have two or three applications of clear water between each application of liquid manure. W. S. Croydon.

Richfield Springs, N. Y.—Leander P. Seaton is dead, aged 58 years. He had been in poor health for some time and the business has been conducted by Mrs. Seaton, who survives with six children.

BREEDERS TO MEET.

The American Breeders' Association will hold its second annual meeting at the Illinois College of Agriculture at Champaign February 1 to 3. The U. S. Secretary of Agriculture is president of the association and the meeting is deemed of such importance that the program is sent to the press with an official note from the Department of Agriculture. The breeding of both plants and animals will be discussed. C. W. Ward, Queens, N. Y., is on the program for an illustrated address on "Carnation Breeding" and Luther Burbank, Santa Rosa, Cal., is announced to speak on "Heredity." H. H. Groff, Simcoe, Ont., will discuss "Plant Improvement by Hybridization," and there will be numerous addresses of a horticultural or agricultural interest.

THE CHATHAM WAGON EXPRESS

The wagon express between Chatham, N. J., and New York City has just completed its second year of constant service. In warm weather and cold, by moonlight and through fogs, in dark nights and stormy ones, this wagon never fails every evening to visit the various greenhouses about Chatham, distributing the "empties" and collecting the day's crop of flowers.

During the wee small hours of every night, Saturday only excepted, the wagon with its fragrant load is traversing the lonely country roads and the quiet streets of Newark and Jersey City. Every morning finds it coming up the avenues of New York, arriving at the first commission houses in Twenty-sixth street promptly at seven o'clock. Even the storms of the past winter have not delayed it; its delivery has always been prompt and its tender goods never touched by frost. There have been times when, for miles, the night snows have been untrodden and this team and wagon has had to "break the road."

By this method the Chatham growers are saved the expense of going to the railroad station with their several lots of goods. At their very doors they are relieved of them and right there they have the satisfaction of seeing them sheltered at once for the journey. And, unlike the railroad method, they are kept sheltered all the way to the wholesale houses in New York. By an intelligent use of a smaller or larger number of lighted lanterns, these perishable goods are kept just cool enough; but never allowed to get frostbitten.

There are, of course, relays of horses and the men who assemble the various consignments from Madison and other neighborhoods are relieved at Summit by other men who accompany the loads through the rest of the night to their destinations. In these days of railroads this method may appear primitive. But railroads never start from one's house and do not cross ferries nor keep their goods sheltered and carry them up city streets to destination. This is surely an instance where adopting again the methods of the past has proved to be progressive and up-to-date. M. H. N.

Buffalo, N. Y.—Werick Bros., at Pine Ridge, are planning to increase their glass this spring.

Birmingham, Ala.—William Lindsay takes a very optimistic view of the future. He will add several greenhouses to his plant this spring.

CHICAGO.

The Market.

The first fifteen days of January were without doubt one of the dullest fortnights in the history of this market. The next week saw considerable improvement and by Saturday the wholesale district had its old air of life, with stock well cleaned up. Shipping trade has shown an increase and the city demand is once more fair, the two combined bringing a very satisfactory business and the best since Christmas.

There is no decided change in the situation with regard to Beauties. The crops are gradually diminishing and quality nothing extra. Brides and Maids, however, are of unexcelled quality and there is a smaller proportion of the unavailable stock than usual. Active demand has resulted in a further stiffening in the price and extra select stock is now fetching better money than usual at this season, with the lower grades also making a good average. Liberties are less abundant and the cut of Chatenay is lighter than at any time this winter, although some splendid stock is seen.

The carnation market has taken what might almost be called a boom. Practically everything but the splits and culls are cleaned up on receipt and the buyers who are late in getting into the market do not always get their orders filled in full. Many growers are holding back for Friday and Saturday. The stock in general averages exceptionally good grade.

The receipts of violets continue heavy and prices weak. Romans and Paper Whites are doing a little better than they did. Harrisii clean out fairly well, but callas are quite abundant. Considerable quantities of tulips are seen, but most are too short stemmed to be greatly in demand. Stevia is done. There are considerable quantities of sweet peas but not of extra quality. Green goods have a fairly steady sale, with adiantum good property.

Carnation Prices.

There is a good deal of uncertainty as to what carnations will be worth at the end of this week. Last year McKinley day cut some little figure and so much has been said about it this year that the growers have the idea that they ought to get pretty good money. But the wholesalers are not disposed to force prices up until this very commendable way of observing the anniversary of Mr. McKinley's birth is a little more firmly established. However, supply and demand will govern on this occasion, as always. Good weather on Sunday is pretty sure to see a very heavy retail demand. What the wholesale demand on Friday and Saturday will be is more or less problematical. It is sure to be good; it may be enormous. But growers are hoarding stock and the result is in doubt. The wise man has sent his cut in each day and got excellent prices.

The Winandy Matter.

There was a meeting of thirty-two creditors of Michael Winandy at the office of Weber & Kranz on January 19, at which $65,000 of claims were represented. It was agreed to continue the business under the direction of Peter Reinberg and Henry Kranz, it being thought that by this course enough might be realized to meet the liabilities and possibly put Mr. Winandy on his feet again.

Various Notes.

The George Wittbold Co. will add two houses to its plant at Edgebrook this spring and will plant seven 150-foot houses to carnations and roses for next season. They will grow Brides, Maids, Richmond and a few Beauties in roses, Lady Bountiful, White Lawson, Fiancee and either Estelle or Cardinal in carnations, with some older sorts which they already have at the city place.

E. H. Hunt is putting up To-bak-ine Liquid in kegs to meet the needs of the big growers. He sold Emil Buettner a ten-gallon keg and Wietor Bros. a twenty-gallon keg. Each keg is fitted with a faucet, the handle of which has a lock and will not turn until the lock is released with a key which belongs in the foreman's pocket. This is because To-bak-ine Liquid is worth $15 a gallon. It is pure nicotine.

The E. Wienhoeber Co. speaks highly of E. G. Hill's new rose, Rosalind Orr English. Peter Reinberg has a few of the plants on trial and Wienhoeber gets the cut. They like the color and the way it opens and the customers like the way it keeps.

L. Coatsworth, of the Benthey-Coatsworth Co., spent last week at the company's plant at New Castle, looking over the ground preparatory to determining the season's building operations.

Wietor Bros. are cutting a very fine lot of Chicago, the Red Bradt. They say it is a great producer and they like it better than any other red.

J. A. Budlong is very well pleased with the world these days, for he has a big cut of Brides and Maids of extra quality just when he wants them.

Visitors at the J. D. Thompson place at Joliet say that Robert Craig carnation is looking very good indeed. There will be many to look at it the latter part of the week.

Both the Benthey-Coatsworth Co. and C. W. McKellar have rearranged matters to get more office space and have that department in nice shape.

Leopold Koropp will conduct the Asmus & Co.'s place under the name of the Sheridan Park Floral Co. and will incorporate.

Vaughan & Sperry are getting some Princess of Wales violets that would be hard to beat. They bring as much as the best Marie Louise.

Emil Buettner will add three houses 30x125 to his plant this spring.

Mrs. Leonard Kill has been quite ill for several weeks but is improving slowly.

O. W. Frese has been on the sick list for a few days.

John Thorpe is reported to be engaged upon a series of articles on trade topics for the Sunday Tribune.

THIS MAN IS
FROM MISSOURI

I enclose my renewal of subscription to
THE WEEKLY FLORISTS' REVIEW
I count it by all odds the Florists' Best Paper, either for information on trade topics or for advertising.
M. L. BONHAM.
Clinton, Mo., Jan. 16,'05

HE HAS BEEN SHOWN!

FLINT, MICH.

We are having a mild winter, which is making a great saving in fuel, but this item does not hit us as hard as it does some, for we burn Michigan coal and find it very good and at quite a little lower figure than eastern coal.

We have three florists here. B. Hasselbring's remodeled place is in very fine shape and up-to-date. He grows carnations, roses, bedding stock, etc. George Evans has not a large place but grows some very good stuff and is prospering finely. D. P. Smith does a general business.

Trade was very good here at the holidays and is holding up nicely since.

And we all read the REVIEW.

D. P. S.

OCEANIC, N. J.

The semi-monthly meeting of the Monmouth County Horticultural Society was held January 20. Visitors were Messrs. Charles Totty, Madison; Alfred Richards, New York, and Anton Bauers and John Schackla, Deal Beach, N. J. G. H. Hale exhibited some Primula obconica grandiflora and grandiflora rubra for which he received ninety points. William Turner showed some very fine carnations, Harlowarden, Enchantress and Gov. Wolcott, which scored eighty-five points. H. A. Kettel was asked how he raised such fine tulips at such an early date as December 15, with stems nine inches and over. He explained that when they are boxed he leaves them outside without any covering for about three or four weeks. Then he puts them in a cool cellar and covers them with about a foot of salt hay. When he puts them in the house he covers them with an empty box to draw them. The society decided to hold its annual ball on February 10. Remarks were made by Charles Totty, Alfred Richards, H. A. Kettel, N. Butterbach, A. G. Williams and others. The judges of the evening were W. W. Kennedy, A. G. Williams and Percy Hicks. B.

IN A DAY'S MAIL.

Enclosed is check for $2 for which extend my subscription for two years.—B. S. Meyers, Lancaster, N. Y.

There are $2 enclosed; make it cover 1906.—John G. Esler, Saddle River, N. J.

Here are $2 in payment for subscription two years in advance.—A. W. Smith, Pittsburg, Pa.

Enclosed find check for $2 to pay for the Review for the next two years.—Charles E. Smith, York, Pa.

The considerable number of subscribers who, in renewing, send $2 to pay for two years in advance, afford a considerable satisfaction to the editor, for it indicates a very general appreciation that the REVIEW is well worth reading every week and a confidence that its standard will be maintained; we hope to be able to advance it.

WATSEKA, ILL.—Marshall Wyatt is getting a very fine cut of carnations and expects big business for McKinley day.

BOSTON.

The Market.

Conditions show a distinct improvement all around as compared with a week ago. The weather has been clear and bright in the main, with temperatures most of the time more like April than January. While this has increased the output in some lines, the demand has greatly improved and markets have cleaned out very nicely.

Brides and Bridesmaids are scarcer and prices considerably advanced, extra good stock bringing as high as $20 per hundred. Beauties and other roses are all coming in lessened quantities. Carnations are moving at last week's quotations and there seems to be no surplus. Violets have recovered from the slump of a week ago and sell at better prices, singles fetching 50 to 75 cents and doubles 50 and 60 cents per hundred.

Romans and Paper Whites have sold much better, there being a heavy demand for funeral work. Tulips have sold at $4 and yellow trumpet narcissus at $5. Lily of the valley remains about the same. Freesia is coming in more plentifully. Asparagus Sprengeri is less plentiful. Few of the small and cheaper bunches are now seen. Adiantum cuneatum fronds are also rather scarce at present.

Various Notes.

Theodore F. Borst, consulting forest engineer of Boston, was the lecturer at Horticultural Hall on January 21, his subject being "Forest Planting for Profit," which was very fully and intelligently treated.

Mrs. Oliver Ames, of North Easton, will offer special prizes for fifty blooms of Rose Mrs. Oliver Ames at the coming meeting of the American Rose Society in Boston. M. H. Walsh, of Woods Hole, also offers a special prize.

J. Newman & Sons' store was broken into on the night of January 15 and goods to the value of $75 stolen. While the thief, or thieves, have not yet been caught, suspicions point to the guilty parties.

John O'Brien, who recently left Carbone's flower store, opened a store on his own account at 288 Boylston street on January 23. He has engaged Miss Wrenn as bookkeeper. A good stand and an excellent knowledge of the busines should insure him success in his new venture.

William A. Hastings, salesman for Homer Rogers, of South Sudbury, has been quite sick with diphtheria, but at last report was somewhat improved.

The fine collection of plants belonging to W. P. Windsor, of Fairhaven, will be sold in a few weeks. Peter Murray has had charge of Mr. Windsor's place for over fifteen years and his annual exhibition each February has always been attended by many of the craft. Orchids are well done here. Dendrobiums and odontoglossums particularly so. The plants will be sold after the annual exhibition about the end of February. Mr. Murray meditates hiring the plant and running it on a commercial basis.

The stall holders at the new market presented $106 to the widow of the late James Denning, salesman for the Budlong Co., a few days ago.

George Solomon, for some time with N. F. McCarthy & Co., has left the employ of that firm.

Wellesley Rose seems to grow in popularity at the stores. Orders for plants are coming to the Waban Conservatories in a very satisfactory manner.

Lilacs in pots and cut are in great favor at the stores at present.

Doyle has been displaying some nice Acacia pubescens.

Peter Murray's new seedling carnation, Windsor, has been bought by the F. R. Pierson Co.

William Spillsbury is shipping 5,000 to 6,000 very fine Princess of Wales violets to the Park street market.

We are glad to report that J. T. Butterworth's condition is now much more satisfactory.

Norton decorated for the boot and shoe manufacturers' banquet at the Brunswick on January 18, at which Governor W. L. Douglas was one of the guests of honor.

Galvin had the decorations at the Somerset on January 18 for the Phillips-Metzler wedding reception. They used a large quantity of choice material.

W. N. Craig.

ST. LOUIS.

The Market.

The tone was not very encouraging the past week among the leading retailers up and down town. The wholesale markets were greatly overstocked and were so still on Monday. Even first grade was in oversupply, which is seldom the case, as this stock always has first call when the market is glutted, as it has been. The trade is in hopes that these conditions will change for the better next month and continue so until Lent sets in.

Social affairs with large decorations are unknown and smaller affairs are not numerous. There were quite a number of deaths the past week and when one of us was busy it was with that kind of work. The three wholesale houses carried considerable more stock than the demand called for and, of course, prices had to suffer a big cut in large lots. Some of our large growers will not like the looks of their statements when they receive them by the first of the month. It may be that the Growers' Club, which is about to organize, and from which retailers and wholesalers are excluded, will try to remedy this state of affairs.

Stock in a few lines is having some call, especially white carnations and roses. There are plenty of all grades of Beauties to be had, also Maids, Meteors, Liberties and Perles. Brides are in demand. Prices on small lots remain as quoted last week. Carnations in the colored sorts are a glut, especially in pink and red. White, as in roses, has the call. Good colored stock sold as low as $1 per hundred the past week.

Romans, Paper Whites, valley, Harrisii and callas are very abundant. Romans have hardly any value at present. Violets, too, are more than the demand can use, $3.50 to $4 per thousand being considered a fair price for fresh stock. There are plenty of greens with slow demand.

Various Notes.

J. F. Ammann, of Edwardsville, paid us a visit the past week. Fred is an enthusiast over the carnation meeting this week. He also paid a visit to Henry Aue's place at Lindenwood, where some fancy carnations are grown.

C. Young & Sons Co. have issued their spring catalogue, which is a beauty and very attractive with colored plates.

H. J. Weber & Sons Nursery Co., at Gardenville, St. Louis county, has let contracts for two new houses 25x250. These houses are for growing roses for the local trade.

The committee which will have charge of thecarnation exhibition at the next club meeting held a meeting Monday, and a list of prizes was made up, $25 being set aside for the local growers and $25 for outside growers. A list of these will be sent out by the secretary next week to all carnation growers. The committee on constitution and by-laws will meet this week to revise the constitution, which is to be reported at the next club meeting. The committee on club house has several sites in view for the proposed building. An interesting report is expected at the next meeting.

On Thursday night nineteen growers met at Louisiana Hall for the purpose of organizing an association to be known as the St. Louis Plant Growing and Flower Association. A committee was appointed to draft a constitution and by-laws. Your correspondent, not being eligible to membership, cannot give a full account of what all transpired, but the number who attended is correct.

In the St. Louis party who left Tuesday night for Chicago to attend the convention of the American Carnation Society, there were about fifteen. A challenge from the Chicago Bowling Club for a game on Wednesday night could not be accepted, as only one or two of the bowlers attended.

Recent visitors were R. Stern, of Philadelphia; J. O'Neil, Chicago; Joseph Rolker and A. Meyer, of New York.

J. J. B.

NEW YORK.

The Market.

The market during the past week showed signs of steadiness, with a firm and upward tendency, except in the violet department, which was most discouraging; 50 cents per hundred for specials seemed to be top and the ordinary goods were cleaned up at the buyers' option. Great quantities were disposed of as low as $2.50 per thousand. Not very encouraging news for the Rhinebeck builders, but they will build nevertheless. Yale folks seem to have soured on the violet. The big florists from New Haven were in town Saturday cutting and countermanding orders "to beat the band."

There are not too many roses and the best of them hold their top price well. Quality is now superb and color perfect. Carnations come in millions. Prices are naturally wabbly under these conditions, but good stock never fails to command fair values. Orchids are quite equal to the demand. McManus is handling some twenty fine varieties. The shipping to other cities grows more encouraging every week. There is an abundance of bulbous stock and lilacs, sweet peas and mignonette. The latter retrogrades yearly in popularity. Forsythia and other forcing shrubs are already in evidence. The coming of spring is foreshadowed everywhere and two long, weary months of winter still on tap.

The public of New York city will be

IF FOR McKINLEY DAY YOU WANT

CARNATIONS

Write, Wire or Telephone. We have large and regular supplies of all grades of Carnations, and can fill your orders if stock is to be had in Chicago.

"GREEN GOODS" for all requirements.

....FANCY VALLEY ALWAYS ON HAND....

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones { 1978 and 1977 Central. 7846 Automatic

AMERICAN BEAUTY,	Per doz.
30-36-inch stem	$4.00 to $5.00
24-inch stem	3.00
20-inch stem	2.50
15-inch stem	2.00
12-inch stem	1.50
Short stem	.75 to 1.00
	Per 100
Brides	$6.00 to $15.00
Bridesmaids	6.00 to 15.00
Meteor	6.00 to 15.00
Golden Gate	6.00 to 15.00
Chatenay	6.00 to 15.00
Carnations	3.00 to 4.00
" large and fancy	5.00 to 6.00
Violets	.60 to 1.00
Valley	2.00 to 4.00
Callas ....per doz., $1.50	
Paper Whites, Romans	3.00
Tulips	3.00 to 4.00
Jonquils	4.00
Sweet Peas	1.50
Mignonettes	.50 to .75
Asparagus, per string, 35c to 50c	
Asparagus Sprengeri	3.00 to 5.00
Ferns ....per 1000, $2.00	.25
Galax ....per 1000, $1.25	.15
Leucothoe	.75
Adiantum	1.00
Smilax ....per doz., $1.50	10.00
Wild Smilax, 25 lb. cases	3.00
" " 35 lb. cases	4.00
" " 50 lb. cases	5.00

Subject to change without notice.

Mention The Review when you write.

educated by the time Sunday arrives to the fact that McKinley day is here. Every wholesaler has a handsome card announcement of the memorial. If Brother Altick could walk through the New York streets today he would have ample evidence that his enthusiasm has borne fruit. Saturday should be a great day for carnation growers in the big city and everywhere through the land. That it will be, is sure by the flood of advance orders already received by the wholesalers.

Among the retailers there are universal indications of satisfaction with the present condition of trade. Everybody is busy. Dinners, parties, balls and weddings are abundant. The automobile show drew society in thousands. The wearing of flowers was excessive. Great events close at hand are the Old Guard's ball, the Arion and the Emerald, all of which many thousands will attend. Unique floral decorations will characterize all these events. Hanft Bros. will, of course, handle the Arion decorations, as they have done for a generation.

Various Notes.

The next meeting of the club, February 13, will be a record breaker. A prominent carnationist will read a paper. There will be a grand display of all the new carnations. The ladies will attend in large numbers and the house committee will give them a royal welcome. It will be Scotch night, with the assistance of John Birnie's young ladies and much other talent.

F. R. Pierson was in the city Saturday and completed arrangements with Guttman & Weber for the control of the new red carnation, Victory. The daily papers will now have more to say of "frenzied floriculture" and I have no doubt will give "Millionaire" Pierson credit for having paid $25,000 at least for his latest capture.

The outing committee of the New York Club held its first meeting on Saturday, elected officers and perfected arrangements for the summer festival. Messrs. Traendly, Birnie, Elliott, Schenck, Schmutz, Langjahr and Shaw were present.

The Hoboken Bowling Club has reorganized with a membership of sixteen and the new officers are: Dietz, president; Grundmann, secretary, and Steinhoff, treasurer, with John Birnie master of ceremonies.

George Saltford has the la grippe and Charles Millang has had a severe attack. Wm. Ford has been fighting his old enemy, lumbago. J. K. Allen had a hard tussle with the demon. In fact it would be easier to make a list of those who have escaped.

Pneumonia caused the death of the father of Jos. J. Levy on Friday. His friends in the wholesale trade extend their sympathy.

Mrs. Derby, of Bedford avenue, Brooklyn, whose husband once worked for James Mallon, mourns the loss of her son, who died last week.

Mrs. Richard F. Jenkins, wife of the florist at 664 Eighth avenue, died last week of consumption, handsome designs of flowers being sent to the funeral by the wholesalers, Traendly & Schenck, Ford Bros. and John J. Perkins.

Fenrich is handling large quantities of forsythia and some 36-inch Brides and Maids that are eye openers.

John J. Perkins is decorating and remodeling his store on West Thirtieth street, so that it looks very attractive.

Elliott & Sons are preparing for an early season. No wonder, for half the last week was springlike and mild enough for gardening. These are the days "between hay and grass" but the revival is close at hand. The bulb houses all seem to be satisfied with the success of their "commercial travelers," as William Scott now calls them, reporting a flood of orders as the result of their canvass.

President Traendly was prevented by illness from attending the Chicago convention, much to his regret. The attendance from the east was a scattered one, no special route being chosen.

W. H. Johnson, who has had charge of the greenhouses at Sing Sing prison for some time, and a brother of the warden, died of paralysis on Friday, aged 54. He was born in Greenwich, Conn., and was supervisor of Rye for some years. A wife, son and two daughters survive him.

Bowling.

January 18 the return match between Flatbush and New York was rolled, nine members of each team participating. New York won with a majority of 405 pins in the two games, so that with the exception of the little accident at Madison, the New Yorkers still have an unbeaten record. On January 27 they will wipe out this little blot on their escutcheon. From present indications New York will send as strong a team to Washington as has ever represented this city at a convention. Flatbush treated her guests, as usual, with lavish hospitality. The score follows:

New York	1st	2d	T'l.
Holt	203	153	356
Kessler	197	155	352
O'Mara	205	136	341
Manda	158	182	340
Fenrich	139	195	334
Traendly	147	155	302
Burns	176	115	291
Butterfield	128	160	288
Shaw	101	148	249
Totals	1,454	1,399	2,853

Flatbush	1st	2d	T'l.
Siebrecht	158	158	316
Schmutz	191	122	313
Riley	166	136	302
Zeller	130	138	268
H. Dailledouze	129	127	256
P. Dailledouze	136	122	258
Wocker	110	138	248
Scott	135	113	248
Mellis	124	115	239
Totals	1,279	1,169	2,448

J. AUSTIN SHAW.

FROSTS IN FRANCE.

Cables from Paris have reported in the past month unusual frosts in southern France and in the Riviera. Great hardship has been brought upon the flower growers in this usually favored region and their loss will run into a vast sum of money, being particularly heavy in the San Remo district. Government aid has been necessary in some sections.

PHILADELPHIA, PA.—The Board of Appraisers has held that ruscus leaves should not be assessed as manufactures of palm but as ornamental leaves.

FANCY WHITE LILAC, $1.50 per doz. WE HANDLE THE VERY FINEST.
LA REINE TULIPS, $3.00 per 100.
HUDSON RIVER VIOLETS.=VERY LARGE.
CARNATIONS--A fine assortment of fancy stock. ROSES--Extra fine, especially in Brides and Maids. A FULL LINE OF CUT FLOWERS.
A. L. RANDALL CO.
WHOLESALE FLORISTS
21 Randolph St., CHICAGO, ILL.
Mention The Review when you write.

PHILADELPHIA.

The Market.

The tone of the market is much better. There is good demand for nearly all kinds of flowers at fair prices. The average of quality is higher, owing to last week's sunshine. There has been a heavy demand for whites, due to funeral work, some weddings and decorations. For these occasions the Leo Niessen Co. sold many choice callas, white lilacs, La Reine tulips, freesias and white carnations. Brides and Bridesmaids have been scarce, but both Leo Niessen and S. S. Pennock have had a fair supply of fancy stock. Medium Beauties are also scarce, Liberties more plentiful and very finc. Carnations are not quite so plentiful and in good demand. Freesias, "daffs" and tulips are coming in more freely. Dendrobium formosum and cypripediums are about over. Violets are poor stock despite fine quality. Greens are selling well, especially Asparagus plumosus sprays.

An Experiment.

The REVIEW, undoubtedly the most progressive paper of the day, is this week trying an "experiment" in the notes headed "In the Shops." The success of this experiment will depend on the hearty co-operation of the retailers themselves. The notes will appear at frequent intervals, provided material can be secured. Perhaps you will think these shop notes are of little account. Very likely, but was your shop of much account when you started? Hardly. Then telephone or write Phil what you are doing. Give him a chance to do good work.

In the Shops.

Robert Crawford, Jr., makes a point of keeping his handsome show windows gay with the prettiest flowers and blooming plants. Among the latter, the place of honor was given to some very well grown Primula Buttercup in large pans. Mr. Crawford does not believe in business that increases at the rate of fifty per cent each year, but simply says he has been very busy.

Charles P. Poryzees is making a success of his new place, opened last fall. He has a theory that a stormy Saturday and Sunday usually precede a busy Monday, but that if Sunday is fair, Monday is apt to be a dull day. This theory is based on the idea that when the young men can't be riding or walking in the open air with their sweethearts they will send them flowers as a love token.

James M. Thoirs is doing much to elevate the taste of Camden's citizens by giving them new ideas of floral beauty.

Charles Fox takes advantage of the possibilities of his place of busines by unique and tasteful floral decorations. Many people have gained ideas of what will do well in the house by their visits to Mr. Fox. In a very fine wedding decoration last week Easter lilies were a prominent feature.

George Craig keeps his counter gay with carnations. Some well grown daffodils and freesias in pots were very attractive.

Hugh Graham has been quick to realize the possibilities of educating the people, through the medium of the department stores, to love plants. Mr. Graham has made a careful study of this branch of the business. Through his efforts, and those of others, a new field is rapidly being developed.

A Philadelphian who recently returned from abroad, says that the number and beauty of the Paris flower shops astonished him. Even in the poorer quarters of the city these shops were found looking like oases in the desert. Great attention is paid to the windows, the displays being arranged with exquisite taste.

The Century Flower Shop has been taking advantage of the fine weather to push flowering plant sales. Good old-fashioned geraniums in 4-inch pots were one of their specialties.

The William Graham Co. had the decorations for the Radnor Hunt Ball at Horticultural Hall. Wild smilax was freely used. Long American Beauties, Liberties and scarlet carnations harmonized with the scarlet coats of the huntsmen. The effect was very fine.

The new Merganthaler store in Germantown has been making a window feature of pretty flowering plants.

Various Notes.

It is learned on good authority that John and Harry Berger, trading as Berger Brothers, wholesale florists, at 1220 Filbert street, will next Wednesday remove their business to the Flower Market, 1237 Filbert street, where they have secured space.

John Burton has decided to tear down and rebuild the greenhouses on the Lonsdale property purchased last spring. These houses have not proved satisfactory and Mr. Burton is perfecting plans to put the plant in good shape. Glass has been purchased, the size of the place will be increased and estimates are being prepared for the roofing material.

The contract for the new building of M. Rice & Co. was given out on Monday. The building will be fireproof and one of the most complete of its kind in America. It is to be finished the middle of May, the builder being under a heavy penalty for each day's delay.

Samuel S. Pennock is distributing very neatly gotten up McKinley day cards among the retailers. On the right is a picture of the martyred president, on the left a boutonniere of a single scarlet carnation and a couple of long-stemmed flowers of the same color. The idea is that the retailers will hang the cards in their shops to stimulate interest in the observance of McKinley day, which falls on Sunday next.

William J. Baker is handling some nice freesia, also fine Enchantress and Mrs. Patten.

R. C. Hayden, who is absent on account of illness from his office at the Philadelphia Cut Flower Co., is greatly missed by his business friends, who hope he will soon be about again. Manager Muth is pleased over the improvement in the tone of the market in general and of the carnation market in particular.

A local florist who advertised for a place to rent, was surprised to receive an answer from a neighbor, who not knowing the advertiser's name, described his property with unnecessary accuracy.

Harry Crawford states that the Philadelphia Carnation Co. has just turned the steam on its new stock house. They have 50,000 cuttings in the sand. The crops, both of carnations and mushrooms, have been excellent.

J. William Colflesh has been sending in some well grown freesia in 6-inch pots, rather a rarity now.

Henry C. Woltemate's friends will be glad to know that he is having a good season.

Edward Reid is a man of versatile abilities. He can not only sell flowers well, but he can without legal aid present his facts in a manner so clear and forceful that even the attorney for the other side has been known to throw up his case without going into court.

A. Leuthy, head of the Boston firm that bears his name, was in this city last week. He visited Joseph Heacock, at Wyncote, and Edward Drown, at Hillside, and was seen heading towards Riverton. Mr. Leuthy reports a good Christmas.

VAUGHAN & SPERRY

60 Wabash Avenue, TELEPHONE, CENTRAL 2571 CHICAGO

WHOLESALERS and JOBBERS

CURRENT PRICE LIST Subject to Change without Notice

Beauties, 30 to 36-in. per doz.	$4.00 to $5.00	Perle, per 100	$6.00 to $8.00	Galax Leaves, green, per 1000	$1.25
Beauties, 20 to 24-in., per doz.	2.50 to 3.00	Ivory, per 100	6.00 to 15.00	Galax Leaves, bronze, per 1000	1.25
Beauties, 15 to 18-in., per doz.	2.00 to 2.50	Carnations, per 100	3.00 to 4.00	Leucothoe Sprays, per 100	.75
Beauties, 12-in., per doz.	1.50 to 2.00	Carnations, fancy	5.00 to 6.00	Callas, per doz.	$1.50 to 2.00
Beauties, short, per doz.	.75 to 1.00	Asparagus Plumosus, per string	.40 to .50	Lilium Longiflorum, per dozen	1.50 to 2.00
Liberty, per 100	6.00 to 15.00	Asparagus Plumosus, per bunch	.25 to .50	Narcissi, Paper Whites, per 100	3.00 to 4.00
Golden Gate, per 100	6.00 to 12.00	Sprengeri, bunches	.25 to .35	Valley, per 100	3.00 to 4.00
Chatenay, per 100	6.00 to 15.00	Adiantum, per 100	.75 to 1.00	Stevia, per 100	1.50
Bride and Bridesmaid, per 100	6.00 to 8.00	Smilax, choice	.12½	Mignonette, per dozen	.50 to .75
Bride and Bridesmaid, fancy	10.00 to 12.00	Fancy Ferns, per 1000	2.00	Violets	.75 to 1.00
Meteor, per 100	6.00 to 12.00				

Mention The Review when you write.

IF YOU ARE IN NEED OF

GOOD STOCK

We are fully confident that we are in a position to fill your wants

Why? Because we carry the kind of stock that you are looking for, as we make a specialty of producing high grade stock of all kinds, being strong in

ROSES AND CARNATIONS

In addition to the cutting of a choice line of stock from our own large greenhouses, we also handle the production of a number of the best growers in this city, thereby placing us in a position to fill all orders in a very satisfactory manner, as a trial order will convince you.

So if you wish to avoid disappointments and want your orders filled satisfactorily, just give us a call and you will be more than pleased that you called upon us

J.A.BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and Carnations A Specialty..... WHOLESALE GROWER of CUT FLOWERS

Mention The Review when you write.

Walter M. Yates is not able to keep up with the demand for Easter lilies, though he has turned nearly his whole place into these bulbs. The stock looks well, the greatest difficulty being in getting long stems on the early blooms.

PHIL.

NORTH CAMBRIDGE, MASS.

Still another evidence of the thoughtfulness for the welfare and pleasure of the employes of A. H. Hews & Co. and the peculiarly family-like bond of cooperative interest existing between employers and employed at this establishment, the largest of its kind in the country, if not in the world, was shown at the banquet and entertainment given to the employes January 14 by Mrs. Albert H. Hews, widow of the former owner, in commemoration of Mr. Hews' birthday.

At the close of the banquet the gathering was addressed by Geo. H. McKee, president, and Philip Cabot, treasurer of the present corporation, the latter speaking directly for Mrs. Hews and expressing her deep desire to continue that interest always maintained by Mr. Hews in the employes, individually and collectively, many of whom have been continuously in the service for over a generation and who by their competent and faithful service in their respective positions had been of such material assistance to him in building to its present magnitude the establishment which today stands as a monument to his honorable dealings with all men and to his business ability.

PITTSBURG.

The Market.

We have just completed a good week's business, everyone seemed to be busy and several of the larger firms had all they could handle comfortably. Good roses have continued scarce since the holidays and have held up in price. Carnations have also been somewhat scarce this week and, while some stock sold very cheap, the average price was better. We are now beginning to see more spring flowers in the stores, freesias, daffodils and better tulips, all of which found fair sale the past week. Violets and lilac, however, are among the things which, while the stock has improved in quality, are lower in price. Lilies are very scarce in this section, Harrisii proving almost a failure. While such blooms as they do give are not worth much, the result has been that callas find a better sale than usual.

Various Notes.

There were quite a number from this section at the carnation convention, but they did not go as a party.

The rent question is getting to be quite a serious matter among our retailers, and if it gets much worse will drive some of them to the side streets. Anything below $4,000 is cheap now, while most of them almost double that amount and none of them has more than a store room and a cellar. The wholesalers are somewhat better off, although to keep rents down to a living price the Florists' Exchange and J. B. Murdoch & Co. are compelled to rent upstairs rooms. The Pittsburg Cut Flower Co. fortunately made a long lease which runs for several years. However, the the whole block has recently been purchased by a speculator and they may be induced to move before their lease expires.

The Pittsburg Cut Flower Co., by way of advertisment, is sending its customers the Daniel B. Long, McKinley day, lithographed card, calling attention to carnations for January 29. HOO HOO.

ENNIS, TEX.—Chas. M. Hall reports that business has been and is good, but that a long continued drouth is having its effect.

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THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

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Always mention the Florists' Review when writing advertisers.

THE HOLIDAY AFTERMATH.

The aftermath of the holiday trade generally brings out a few facts that are worthy of note. It is significant that many of our patrons who annually make considerable purchases, are always on the alert for something out of the common or possessing some originality of design. How many of them have their desires gratified it is hard to state, but this we know, that a good floral basket or hamper generally catches the eye and seldom goes begging, especially if its contents or general make up is not of the every-day kind. Of course, the formal box of cut flowers will always be in vogue and probably lead in floral offerings, but to create additional trade, which we are all after, we must get out of traditional ruts and furnish something that will gratify the wants of an exacting public. This want is fully as noticeable in house decorations for marriage and funeral occasions as it is at holiday time and to partially overcome this apparent deficiency I would recommend getting back to nature, whose resources are so bountiful and well adapted to our wants.

While entertaining ideas on this subject for some time, and having them pressed upon my observation by the facial expressions of our patrons with far more significant force than language could imply, their remarks were made suggestive by having on hand a liberal supply of nature's products from various sources left over from holiday trade, which have been used since then in various floral work to good advantage. From California we get the pepper-scented tree with its waxy red berries. This is becoming a commercial article. From the mountains of Oregon comes the Mahonia bush, in green and red colors, beautifully formed leaves of lasting quality and well adapted to various arrangements in floral work. Also coming from this country is a large form of the dagger fern, much superior to the variety from the Berkshire hills and from experience up to date a good keeper. The fronds run as long as three feet; one of the best of the aspidiums. We also get from this country a shrub sent under the name of huckleberry bush, resembling the cotoneaster in branch and foliage, a good keeper and quite decorative.

The trade is well acquainted with the resources of the mountainous districts of the Carolinas and other southern states, as well as the woods of Alabama, from which districts we get so many forms of shrubs and vines which are gradually becoming so desirable and the extensive use of which will not to any extent interfere with the use of our greenhouse products. G. D.

Worcester, Mass.—The schedule of premiums of the Worcester County Horticultural Society's exhibitions for 1905 has been issued. Copies may be had by addressing A. A. Hixon, secretary.

Davenport, Ia.—On the night of January 5 Henry Pauli was awakened by a burglar with whom he grappled and fought. It proved to be a former employee named Fred Kohn.



Harvesting Red Weathersfield Onions for Seed at Kimberlin & Co.'s, Santa Clara, Cal.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

CREDITORS of the Missouri Valley Seed Co., St. Joseph, Mo., have asked for a receiver.

THE canner's convention will call many seedsmen to Columbus, O., February 7 to 10.

IN a number of sections weather conditions have been unfavorable to the curing of sweet corn.

THE Dutch Bulb Growers' Association invites all interested Americans to visit the quinquennial exhibition at Haarlem, March 17 to 21.

THE Dutch bulb salesmen were abroad in the land much earlier than usual this season and it looks as though their intention is to go through the country with a fine-toothed comb.

AN eastern seed house is reported to be about to introduce a new amaryllis raised by Luther Burbank.

WITH the government supplying the demand for free seeds and the department stores and the big general mail-order houses catering to the "price" buyers, it looks as though the "quality" customer will soon be the only one left for the legitimate seedsman.

PROF. JOHN T. STIMSON, who was Superintendent of Horticulture at the St. Louis World's Fair, is now president of the Planters' Seed Co., Springfield, Mo. F. W. Maas, secretary of the company spent the exposition period in charge of the Deming Company's exhibit of sprayers.

BULB STORAGE.

The accompanying illustration shows the new bulb storage house recently completed by Arthur Cowee, Berlin, N. Y., and, as the capacity is 18,000 bushels, gives some idea of the development in the gladiolus industry. Mr. Cowee has two other storage houses, bringing his total warehousing capacity up to 26,000 bushels.



Arthur Cowee's New House for Gladiolus Storage.

IT is, indeed, an exceptional catalogue that does not list a dozen or so "novelties" this year. May they all prove their claims to distinction.

IN addition to the many industries at Zion City, Ill., John Alexander Dowie has gone into the seed business, the Horticultural Supply Department having just issued a very neat catalogue of thirty-two pages.

IT is reported that Geo. Weston, formerly in charge of the poultry department of Vaughan's Seed Store, Chicago, has taken a position with Sears, Roebuck & Co. to help manage their new seed department.

EUGENE FUNK, of Funk Bros. Seed Co., Bloomington, Ill., is chairman of the membership committee of the American Breeders' Association and will have a good report to make at the meeting at Champaign, Ill., February 1 to 3.

W. H. METSON, one of the growers of the Braslan Seed Growers' Co., has been appointed San Francisco park commissioner by Mayor Smitz. The appointment is considered a good one, as Mr. Metson has been a commissioner of Yosemite park for some years past.

PREPARATIONS are being made to have the coming annual convention of the canners and packers at Columbus, O., the best ever. The seedsmen are called upon to do their part and the canners promise to buy seed peas without expecting a quart of wax beans as a premium.

A WELL known seed salesman explains that the right way to get business from the eastern buyer is to pretend that you are on a pleasure trip and call simply out of courtesy. A different method succeeds best with the western buyer, the right way in his case being to wire in advance the time your train will reach his town and advise him that he can hand his order into lower six of the Pullman sleeper.

IT seems hard for the average farmer to realize that seeds have any value. If he sends in an order for 100 pounds of timothy seed from which the seeds-

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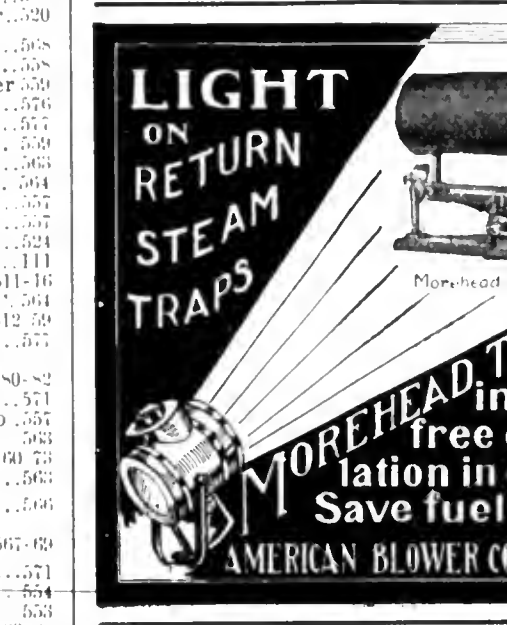
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THE HOLIDAY AFTERMATH.

The aftermath of the holiday trade generally brings out a few facts that are worthy of note. It is significant that many of our patrons who annually make considerable purchases, are always on the alert for something out of the common or possessing some originality of design. How many of them have their desires gratified it is hard to state, but this we know, that a good floral basket or hamper generally catches the eye and seldom goes begging, especially if its contents or general make up is not of the every-day kind. Of course, the formal box of cut flowers will always be in vogue and probably lead in floral offerings, but to create additional trade, which we are all after, we must get out of traditional ruts and furnish something that will gratify the wants of an exacting public. This want is fully as noticeable in house decorations for marriage and funeral occasions as it is at holiday time and to partially overcome this apparent deficiency I would recommend getting back to nature, whose resources are so bountiful and well adapted to our wants.

While entertaining ideas on this subject for some time, and having them pressed upon my observation by the facial expressions of our patrons with far more significant force than language could imply, their remarks were made suggestive by having on hand a liberal supply of nature's products from various sources left over from holiday trade, which have been used since then in various floral work to good advantage. From California we get the pepper-scented tree with its waxy red berries. This is becoming a commercial article. From the mountains of Oregon comes the Mahonia bush, in green and red colors, beautifully formed leaves of lasting quality and well adapted to various arrangements in floral work. Also coming from this country is a large form of the dagger fern, much superior to the variety from the Berkshire hills and from experience up to date a good keeper. The fronds run as long as three feet; one of the best of the aspidiums. We also get from this country a shrub sent under the name of huckleberry bush, resembling the cotoneaster in branch and foliage, a good keeper and quite decorative.

The trade is well acquainted with the resources of the mountainous districts of the Carolinas and other southern states, as well as the woods of Alabama, from which districts we get so many forms of shrubs and vines which are gradually becoming so desirable and the extensive use of which will not to any extent interfere with the use of our greenhouse products. C. D.

WORCESTER, MASS. The schedule of premiums of the Worcester County Horticultural Society's exhibitions for 1905 has been issued. Copies may be had by addressing A. A. Hixon, secretary.

DAVENPORT, IA. On the night of January 5 Henry Pauli was awakened by a burglar with whom he grappled and fought. It proved to be a former employee named Fred Kohn.



Harvesting Red Weathersfield Onions for Seed at Kimberlin & Co.'s, Santa Clara, Cal.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia.; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

CREDITORS of the Missouri Valley Seed Co., St. Joseph, Mo., have asked for a receiver.

THE canner's convention will call many seedsmen to Columbus, O., February 7 to 10.

IN a number of sections weather conditions have been unfavorable to the curing of sweet corn.

THE Dutch Bulb Growers' Association invites all interested Americans to visit the quinquennial exhibition at Haarlem, March 17 to 21.

THE Dutch bulb salesmen were abroad in the land much earlier than usual this season and it looks as though their intention is to go through the country with a fine-toothed comb.

AN eastern seed house is reported to be about to introduce a new amaryllis raised by Luther Burbank.

WITH the government supplying the demand for free seeds and the department stores and the big general mail order houses catering to the "price" buyers, it looks as though the "quality" customer will soon be the only one left for the legitimate seedsman.

PROF. JOHN T. STIMSON, who was Superintendent of Horticulture at the St. Louis World's Fair, is now president of the Planters' Seed Co., Springfield, Mo. P. W. Maas, secretary of the company spent the exposition period in charge of the Deming Company's exhibit of sprayers.

BULB STORAGE.

The accompanying illustration shows the new bulb storage house recently completed by Arthur Cowee, Berlin, N. Y., and, as the capacity is 18,000 bushels, gives some idea of the development in the gladiolus industry. Mr. Cowee has two other storage houses, bringing his total warehousing capacity up to 26,600 bushels.



Arthur Cowee's New House for Gladiolus Storage.

IT is, indeed, an exceptional catalogue that does not list a dozen or so "novelties" this year. May they all prove their claims to distinction.

IN addition to the many industries at Zion City, Ill., John Alexander Dowie has gone into the seed business, the Horticultural Supply Department having just issued a very neat catalogue of thirty two pages.

IT is reported that Geo. Weston, formerly in charge of the poultry department of Vaughan's Seed Store, Chicago, has taken a position with Sears, Roebuck & Co. to help manage their new seed department.

EUGENE FUNK, of Funk Bros. Seed Co., Bloomington, Ill., is chairman of the membership committee of the American Breeders' Association and will have a good report to make at the meeting at Champaign, Ill., February 1 to 3.

W. H. METSON, one of the growers of the Braslan Seed Growers' Co., has been appointed San Francisco park commissioner by Mayor Smitz. The appointment is considered a good one, as Mr. Metson has been a commissioner of Yosemite park for some years past.

PREPARATIONS are being made to have the coming annual convention of the canners and packers at Columbus, O., the best ever. The seedsmen are called upon to do their part and the canners promise to buy seed peas without expecting a quart of wax beans as a premium.

A well known seed salesman explains that the right way to get business from the eastern buyer is to pretend that you are on a pleasure trip and call simply out of courtesy. A different method succeeds best with the western buyer, the right way in his case being to wire in advance the time your train will reach his town and advise him that he can hand his order into lower six of the Pullman sleeper.

IT seems hard for the average farmer to realize that seeds have any value. If he sends in an order for 100 pounds of timothy seed from which the seeds-

man realizes a profit of 15 cents on an out-lay of $3.85 he feels that he is entitled to a good bunch of vegetable and flower seeds in packets thrown in. The money expended by the government for the free distribution of seeds is certainly educating the farmer along this line.

Henry Field, Shenandoah, Ia., made a test last season of eighty-five varieties of field corn. All were planted May 17. The heaviest yield was White Elephant, but it took 105 days where eighty days sufficed for Pride of the North, Squaw, King Philip, Longfellow and Old's Mammoth Flints.

The supply of seeds of Cocos Weddelliana seems likely to be plentiful this season, and prices may go down rather than advance. I have not yet tested samples myself, but I hear they are very good. The seeds that come a little later on are perhaps the most reliable. March was always considered quite early enough to get well ripened samples, but I have seen them very good in February. Kentia seeds are also coming on the market in large quantities. Some which appear very fresh and plump are not sufficiently matured, and others which are a little too dry, if they have been well matured, will germinate well if handled properly. —H. T. J.

The week's reports from the onion set centers are to the effect that what sets were good at the time of storing for winter are still in prime shape. The weather so far this winter has not been so severe as it was last year; this has been a help. It is admitted, however, by the large operators that fewer good sets went into winter quarters last fall than for a number of years back. The orders for January and February shipment taken at low prices last August and September were not booked by the thoroughbreds. When there is scarcity of good stock at harvest time it is a safe guess that onion sets for spring delivery will bring good money. All indications point to high spring prices for all colors, with whites about double the price of red and yellow.

SEED TRADE AT ERFURT.

The following summary of conditions at Erfurt, Germany, is by the correspondent of the Horticultural Trade Journal, written at the beginning of the New Year:

The wholesale seed season is now well advanced, and a review of how business has been going will be of interest. Most of the large shipments to America, Australia and South Africa have been made, and now the various seed establishments are working at full pressure to supply the demands of Great Britain and other European countries, as well as the home market.

So far as can be judged at present, the sale of vegetable seeds has been quite up to the normal, or rather above it. The leading articles, such as cauliflower, carrot, beet, turnip, radish, parsley, tomatoes, etc., are all in brisk demand. Of spinach, some of the chief varieties are already exhausted, large consignments having gone to America. Beans have, as expected, in some cases run short, some of the dwarf kinds, such as Sion House, Osborne, and Magnum Bonum being all but sold out, while certain runners, such as Painted Lady, are not to be had for love or money. Onions are going well, some sorts, such as Zittau, already getting scarce. The germination has in some cases given trouble, owing to a too rapid ripening of the seed. Leeks are in good demand, and not much is likely to be left over. The same may be said of cucumber, many prime sorts being already cleared out. The call for lettuce is also good, prices being low, but stocks are large, and only Bath Cos has shown signs of giving out as yet.

Cabbages, on the other hand, are rather dull, especially the Drumhead sorts, and considerable stocks are likely to be left on hand. Mangel wurzels and grass seeds are also quiet, the demand, so far, being below the average.

As regards flower seeds, the demand has been about normal up to date. Among the vast number of varieties grown here, one or the other will naturally always be running short, but up to the present orders have, on the whole, been satisfactorily filled. The shortages caused by last year's drought, however, are now beginning to be felt, and orders for some sorts of nasturtiums, such as Lilliput, also marigolds, mammoth verbenas, etc., cannot be supplied in full, while Brompton stocks are already nearly sold out. As was expected, the supply of aster seed is also giving trouble, especially in the Victoria and Mignon sections, the stocks not nearly sufficing for the demand, notwithstanding the high prices, and customers have to be satisfied with only a portion of their requirements.

The weather thus far this winter has been far too mild to suit our seed growers, and a recent change to sharp cold (29 degrees Fahr.) excited hopes that the ground may thus be made in good condition for a fresh start in the spring.

CATALOGUES RECEIVED.

A. A. Berry Seed Co., Clarinda, Ia., seeds: Julius Roehrs, Rutherford, N. J., orchids and decorative plants; Arthur Cowee, Berlin, N. Y., gladioli; W. B. Longstreth, Gratiot, O., seeds; Storrs & Harrison Co., Painesville, O., seeds and plants; A. T. Boddington, New York, seeds, bulbs, plants; Frank Banning, Kinsman, O., gladioli; Weeber & Don, New York, seeds; California Carnation Co., Loomis, Cal., Phenomenal berry; W. Atlee Burpee & Co., market gardeners, list of seeds; Conard & Jones Co., West Grove, Pa., seeds and plants.

AT ST. LOUIS A GRAND PRIZE WAS AWARDED ON VEGETABLES, THE PRODUCTS OF BURPEE'S SEEDS!

IF you garden you want THE BEST,—and we shall be pleased to mail you BURPEE'S FARM ANNUAL FOR 1905, an elegant new book of 178 pages, which tells the plain truth, with hundreds of illustrations, beautiful colored plates, and describes superb Novelties of unusual merit. If you garden for profit or are a florist, you should also have BURPEE'S "BLUE LIST" or WHOLESALE PRICE LIST FOR MARKET GARDENERS AND FLORISTS.

Write TODAY! A postal card will do, while it is sufficient to address simply BURPEE, PHILADELPHIA

W. ATLEE BURPEE & CO., The World's Largest Mail-Order Seed Trade

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Flower Seeds and Bulbs

WHOLESALE SEED GROWERS

Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now.

BEANS, PEAS AND GARDEN SEEDS. Write for Prices.

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Write for Catalogue. ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.

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A. A. BERRY SEED COMPANY, Clarinda, Ia.

Thorburn's Bulbs

Lily of the Valley PIPS!

Largest and finest stock in splendid condition.....

Per case of 3000 for $24.00
2 or more cases at $7.50 per 1000

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Lil. Roseum, Azalea Mollis,
Lil. Rubrum, Roses, home grown and imp't'd.
Lil. Album, Spiraea and Amaryllis Johnsoni, mammoth bulbs. Write for Prices.

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Benthey's Pink

The Seed of the Two Varieties is ready for distribution now.

PRICE LIST

TRADE PACKAGE	$1 00
¼ OUNCE, White or Pink	2 50
¼ OUNCE, " "	4 50
1 OUNCE, " "	8 00

For further information write

The Benthey-Coatsworth Co.
35 Randolph St., Chicago.

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Horseshoe Brand **Bulbs, Plants.**

Valley our Specialty — Cold Storage Pips Always on Hand

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Our bulbs are not better than the best, but better than the rest TRY THEM.

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SYLVANIA, OHIO.

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SOW NOW!

Salvia Splendens Grandiflora.
A Strain of Superior Quality.
⅛-oz. 25c; oz., $1.50.
Also Florists' List on application.

W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Sq., BOSTON, MASS.

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FOR Spring Bedding **Tuberous Begonias**

Make up handsome. It is time now to start them.

By sending us either $1.00, $2.00 or $3.00, we will mail you an excellent collection in both single and double, separate colors or mixed.

HUBERT & CO.,
N. Le PAGE, Rep. MT. VERNON, N. Y.

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for early forcing give satisfaction. This stock is unsurpassed.

$1.25 per 100; $12.00 per 1000.
$29.00 per case of 2500.

Finest Cut Valley always on hand at Chicago market prices.

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JOHNSON & STOKES'

New Crop Flower Seeds For Early Sowing.

	Trade pkt.	Oz.
Ageratum Blue Perfection, dark blue	$0.15	$0.50
Alyssum Little Gem or White Carpet.	.10	.25
Asparagus Plumosus Nanus, greenhouse-grown, per 100 seeds, 75c; per 1000 seeds, $5 00; per 5000 seeds, $22.50.		
Asparagus Sprengeri, per 100 seeds, 15c; per 1,000 seeds, 75c.		
Candytuft, Empress, pure white	.10	.15
Candytuft, Giant Hyacinth Flowered, white	.10	.20
Clematis Paniculata, per lb., $3.50	.10	.40
Carnation, Marguerite, choice mixed	.20	.75
Centaurea Gymnocarpa, 1000 seeds, 15c		.35
Centaurea Candidissima, " " 25c		1.25
Cobaea Scandens, purple	.10	.25
Cyclamen, English Prize, mixed, (from show varieties unsurpassed), per 100 seeds, 75c; per 1,000 seeds, $6.00.		
Lobelia Crystal Palace Compacta	.25	1.25
Petunia Giants of California	.50	
Petunia, J. & S. Choice Double Fringed, per 500 seeds, 75c; 1,000 seeds, $1.50.		
Petunia, J. & S. Giant Single Fringed	.50	
Petunia, Dwarf Inimitable (nana compacta), fine for pots	.25	1.25
Pyrethrum Aureum	.10	.25
Salvia Splendens Bonfire	.30	2 00
Stock, Dwarf, Separate Colors	.25	1.75
Stock, Dwarf Large Flowering, 10 weeks, mixed	.25	2 00
Stock, Princess Alice (Cut and Come Again)	.30	2 50
Smilax (New Crop), per lb., $2.00	.10	.20
Thunbergia, finest mixed	.10	.50



Tested Seeds of the Highest Quality

	Per 1000 seeds.	Oz.
Mammoth Verbena Seed, mixed	$0.20	$1.00
Mammoth Verbena Seed, white, pink, scarlet and purple	.25	1.25

Johnson & Stokes' Kingly Collection of Giant Pansies. Mixed. This superb collection cannot be surpassed for size, shape, markings, substance or richness of color of the flowers. Per 1000 seeds, 30c; 2000 seeds, 50c; 5000 seeds, $1.00; per ounce, $5.00.

Headquarters for Lily of the Valley Pips and Mushroom Spawn. Write for prices.

Our Complete Flower Seed List for Florists mailed on request.

Johnson & Stokes, 217-219 Market Street, **Philadelphia**

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Pure Strain. Recognized as the leading Aster for Cut Stock. No disease. N"o yellows."

EARLY WHITE	Trade pkt.,	25c;	¼ ounce.,	50c;	ounce.,	$1.50
LATE WHITE	"	25c	"	50c	"	1.50
SHELL PINK	"	25c	"	50c	"	1.50
LAVENDER	"	25c	"	50c	"	1.50

Order early to insure getting all colors.

E. H. Hunt, 76-78 Wabash Ave., **Chicago**

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..HIGH-GRADE SEED..

We offer this week a special price on Asparagus Plumosus Nanus Seed, fresh from the greenhouse. This seed is of finest quality; better, we think, than can be had elsewhere. It is all absolutely fresh that we guarantee, and far superior to old or outdoor grown seed because it will all germinate quickly.

100 seeds, 75c; 1000 seeds, $6.00. Special prices on larger quantities.

Send for our new wholesale catalogue. Just ready.

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Per 1000	$ 15 00
Per 2500	32 00
Per 10000	125 00

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NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

W. W. HAMMOND, nurseryman for thirty-five years at Bement, Ill., died of apoplexy January 15.

LARGE importations of roses from Holland are in a measure supplying the shortage on many kinds.

IT looks as though the wholesale growers of fruit trees would clean up next spring better than for several years.

A MR. GILBERT has bought 200 acres of land near Mason City, Ia., and announces his intention of starting a nursery.

E. F. STEPHENS, the well-known nurseryman of Crete, says western Nebraska is on the verge of a horticultural awakening.

T. V. MUNSON, Denison, Tex., will discuss "Breeding Grapes" and F. E. Beatty, Three Rivers, Mich., will tell of "Improvement of the Strawberry by Selection" at the meeting of the American Breeders' Association at Champaign, Ill., February 1 to 3.

THE newly elected officers of the Nebraska State Horticultural Society are: President, G. S. Christy, Johnson; first vice-president, C. S. Harrison, York; second vice-president, E. M. Pollard, Nehawka; secretary, L. M. Russel, Lincoln; treasurer, Peter Youngers, Geneva.

THOMAS KNIGHT, in commenting on the recent note on propagating Kalmia latifolia says that at Antwerp, Belgium, he has seen very fine stock propagated from layers. He says that there this is undoubtedly the best way of propagating this shrub but that the sandy soil which covers the northwestern part of Belgium is particularly suited for the purpose.

PARK SUPERINTENDENTS.

The executive committee of the American Association of Park Superintendents met in Springfield, Mass., January 18. It was decided that the next convention of the association shall be held in Buffalo June 28 to 30, and Messrs. J. F. Cowell, Buffalo; J. W. Duncan, Boston, and W. S. Egerton, Albany, were appointed a committee of arrangements. It is probable that arrangements will be made to visit Niagara Falls and Rochester at the same time. It was to be regretted that owing to sickness some of the active members of the committee were unable to be present. These included Robert Cameron, W. F. Gale and J. H. Hemingway. Several recommendations for changes in the by-laws were made and a committee was appointed to arrange for the publication of the bulletins of the association. Those attending the meeting were: Gustav Amhryn, New Haven, Conn.; J. W. Duncan and J. A. Pettigrew, Boston; Byron Worthen, Manchester, N. H.; J. F. Cowell, Buffalo; C. E. Keith, Bridgeport, Conn.; W. S. Egerton, Albany, N. Y.; Theodore Wirth, and G. A. Parker, Hartford, Conn.

Roses! Roses!

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Our seed is gathered at an altitude from 7,000 to 10,000 ft. and produces trees of extreme hardiness.

	Trade Pkt.
Abies Concolor	$ .25
Abies Douglasii	.25
Abies Grandis	.25
Picea Engelmanni	.25
Picea Pungens	.25
Pinus Aristata	.25
Pinus Ponderosa	.25
Pinus Flexilus	.25

The eight packets, postpaid, for $1.50. ☞ Our Picea Pungens are gathered from the very bluest trees in Colorado.

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An illustrated Manual containing suggestions on Lawn Making, Planting and care of Shrubs and Trees, with names and descriptions of varieties hardy and of merit. Also information regarding Landscape Plans, Topographical Surveys, etc. A book you will often refer to. Send for it to-day. Free on application.

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WE CAN FILL SHIPPING ORDERS

FOR SELECT STOCK AT ANY TIME.

AMERICAN BEAUTY—			Bridesmaid	per 100,	$6.00 to 12.00
Extra long stem	per doz.,	$4.00 to $5.00	Bride	"	6.00 to 12.00
30-inch stem	"	3.00	Golden Gate	"	6.00 to 12.00
24-inch stem	"	2 50	Chatenay	"	6.00 to 12.00
20-inch stem	"	2.00	Liberty	"	6.00 to 12.00
15-inch stem	"	1.50	Meteor	"	6.00 to 10.00
12-inch stem	"	1.25	Carnations, good	"	3.00
8-inch stem	"	.75	" fancy	"	4.00 to 6.00

All other stock at lowest market rates—No charge for packing. Prices subject to change without notice.

WIETOR BROS. 51 Wabash Avenue CHICAGO.

Mention The Review when you write.

SAVE THE TEAMING CHARGES.

That the recent enormous development of the florists' business was wholly unforeseen by those who had profited most by it is clearly shown by the locations of the principal plants. Up and down the country, not one in a dozen of the pioneers had the foresight to put the boiler shed beside the railroad track. Most of the new plants have side track facilities, but in the old days the quantities of fuel required were not so great as to make the cost of cartage a matter of importance. Nowadays, however, the possession of a sidetrack constitutes an enormous advantage; in a bad year it might almost make the difference between profit and loss. One grower recently stated that it cost him $1,000 a year to haul his coal, and there are dozens who spend several times this sum. Bassett & Washburn's big plant is a mile from the rails, and Peter Reinberg last season hauled 7,000 tons of coal about a quarter of a mile. Poehlmann Bros. Co., at Morton Grove, Ill., paid the railroad over $2,000 to get a switch built to their boiler shed, but they will get the money back by the saving in cartage in a single winter.

MONTREAL, QUE.—The Gardeners' and Florists' Club proposes to hold a carnation exhibition early in the next month. The club is in a most flourishing condition and making active preparations for entertaining the Canadian Horticultural Association, which meets here next September.

COLUMBUS, O.—The Columbus florists spent a very pleasant evening January 17, at their smoker, which was a great success. There was plenty of music, furnished by members, and recitations in German and colored dialect. Business cares were forgotten for the time being and everybody had a fine time and all hoped to have another such meeting in the near future.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED—A good florist, who thoroughly understands the growing of roses, carnations, and general greenhouse stock, for a growing commercial place in a southern town of about 40,000 inhabitants; must be reliable, sober, industrious, and competent; position open early this spring. Address No. 118, care Florists' Review, Chicago.

FOR SALE—At a bargain, an up-to-date greenhouse 8500 square feet of glass 2½ acres land; 50 miles from Chicago; will sell all or any part of the land. J. Sanstrom, Momence, Ill.

SITUATION WANTED—By a first-class grower of roses, carnations and general stock. German; single; age 32. State wages. Address No. 123, care Florists' Review, Chicago.

WANTED—A good sober, industrious working foreman; married; one who can grow good roses, carnations, mums and general stock for retail trade. Write with references and wages expected with house. Van Aken Bros., Coldwater, Mich.

WANTED—A young man as shipping clerk, with experience in the packing room and care of stock. Must be temperate. Address United States Cut Flower Co., Elmira, N. Y.

WANTED—Man who understands growing carnations, also general work, must be temperate; steady place for right man; state experience and salary wanted; give references. Thos. E. Adams, Box 1044, Lowell, Mass.

WANTED—A thorough grower of carnations, mums and general stock, in small commercial plant; married; dwelling house on premises; references in regard to sobriety, energy and ability required; good pay. Address 1328 South Avenue, Niagara Falls, N. Y.

SITUATION WANTED—By young man with several years' experience in city retail store; capable decorator and maker-up; married. For full particulars address No. 119, care Florists' Review, Chicago.

SITUATION WANTED—By young man who has been in charge of a retail establishment; has reference for growing carnations, roses, bedding plants. Address No. 120, care Florists' Review, Chicago.

SITUATION WANTED—By experienced florist and landscape gardener; private place preferred. Address No. 121, care Florists' Review, Chicago.

SITUATION WANTED—Up-to-date florist, first-class designer and decorator, several years' experience as manager of up-to-date eastern and western establishments, acquainted with retail seed business; wishes first-class position; highest references given. Wm. Speth, 530 Grant St., Pottstown, Pa.

BUSINESS MANAGER WANTED—We want a reliable man in every town to manage a branch office and superintend a force of salesmen; big money, no canvassing, can be handled with other work or business; no capital required; full particulars on application. Give two business references and present occupation. Knight & Bostwick, Nurseryman, Newark, New York.

WANTED—A good market gardener. Address Box 442, Rockville, Ind.

WANTED—One experienced florist and helper; single, with A1 reference. Gloede, Evanston, Ill near Emerson Street

WANTED—A young man as florist's assistant; one used to horses and field cultivation; good home and chance to advance; wages $25 00 per month and board. Address with references I. Merwin Rayner, 81 Front St., Greenport, N. Y.

WANTED—At once, experienced man; retail place of 7,000 feet of glass; wages $50.00 per month. Address with references F. B. Tinker, Peru, Indiana.

WANTED—Young man with some experience as decorator and maker-up. Address Ocean Park Floral Co., Ocean Park, Cal.

SITUATION WANTED—By a practical florist; German; single; middle aged; 15 years' experience; cut flowers, palms, ferns bedding plants, forcing and earlier stock. Address No. 114, care Florists' Review, Chicago.

WANTED—A first-class rose and carnation grower; must be a first-class man and furnish references as to character and ability; good wages and permanent place. Address No. 111, care Florists' Review, Chicago.

WANTED—A good florist to take half interest in a greenhouse plant of 4,000 feet of glass, with room to enlarge; good location, surrounded by four cities. Apply or address W. H. S., Box 8, Berlin, Conn.

FOR SALE—Seven acres of land at Park Ridge, Ill.; fine soil and well adapted for greenhouse purposes. Terms easy. Address A. L. Randall, 19 Randolph St., Chicago.

FOR SALE—Some extra good second-hand 3-in. pipe, guaranteed sound, 6c per foot; also some 4-in.; and small and medium size boilers. W. H. Salter, Rochester, N. Y.

WANTED—A foreman for our city greenhouses. We grow roses, mums, and a general stock for the retail trade. Address Salter Bros., Rochester, N. Y.

WANTED—To lease, a place of not less than 12,000 feet of glass; to grow cut flowers; same must be in good condition and not far from Chicago. Address No. 113, care Florists' Review, Chicago.

SITUATION WANTED—By a practical all-round grower to manage a small place; middle-aged; single; state wages. Address Wm. Kirkham, 154 South Clark St., Chicago, Ill.

FOR SALE—To settle estate; Tripple greenhouses; fully stocked; up-to-date; retail trade extra fine; center of city of 35,000. Address H. C. Pickhardt, Meriden, Conn.

WANTED—A young man of good character who has had experience in propagation and general nursery work, and has some capital to invest; to take an active interest in an established nursery business, located within 100 miles of Chicago. Address No. 117, care Florists' Review, Chicago.

FOR SALE—A small greenhouse and grounds at a health resort; business increasing and strictly retail; no competition. Winans & Foote, Eureka Springs, Ark.

WANTED—Working foreman for large commercial place where the best of everything in cut flowers is grown; only thoroughly competent man wanted; one who can handle a large number of men successfully with the best results. Mr. Gasser will be at the Chicago Carnation meeting, where he can be seen, or address The Gasser Company, Euclid Ave., Cleveland, O.

FOR SALE.

A range of 5000 feet located in a town of 10,000; doing a good retail business; only greenhouse in town; houses all new; best of reasons for desiring to sell; please do not reply unless you have the CASH. Address

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PITTSBURG'S LARGEST AND OLDEST WHOLESALERS.
PITTSBURG CUT FLOWER CO. (Limited) 504 Liberty Ave. Pittsburg, Pa.
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TORONTO.

The Market.

Trade revived considerably during the past week and with it we notice a shortening in the supply of roses. Carnations are still coming in quite freely, while all kinds of bulb stock is becoming plentiful. We regret to note that tulips and daffodils are being sold at cut rate prices by our department stores so early in the season and it certainly looks bad for the grower who will force tulips at this season of the year and sell them so that they can be retailed at 15 to 18 cents per dozen. We notice a good demand for Enchantress, Lawson and good red. We also notice less complaint on the keeping quality of Enchantress this year thus far, or in fact this might be said of all varieties, but especially Enchantress which many thought last year was going to be a very poor keeper.

Various Notes.

Among the notable events of the past week we might mention the social evening given by the officers of the Toronto Gardeners' and Florists' Club to the members and their wives. The affair was very enjoyable.

W. C. Jay, of Wm. Jay & Son, was married on January 18 to Miss Souter, of Buffalo. Mr. and Mrs. Jay have taken up their residence in Toronto in a beautiful new home. D. J.

INDIANAPOLIS.

Florists' Association Meets.

The State Florists' Association of Indiana held its annual meeting at the Commercial Club, January 17, and later in the day gave a show of carnations at the State House. The organization will give its support to the show to be held next fall, in Indianapolis, by the Indiana Floral Festival Association. The following officers were elected: President, Fred Lemon, Richmond; vice-president, Herman Junge, Indianapolis; second vice-president, John Rieman, Indianapolis; secretary, Fred Hukreide, Indianapolis; treasurer, John Heidenreich, Indianapolis. Executive committee, J. E. Haugh, Anderson; Gunnar Teilmann, Marion; J. A. Evans, Richmond, and E. A. Nelson and Adolph Baur, Indianapolis.

It was reported that the experiment station at Purdue University may be forced to close from lack of funds. A committee of florists was named to investigate the report, and, if it is found to be true, the state association will ask the legislature to give financial aid to the station.

The Bertermann Bros. Co. was awarded a certificate of merit for a new seedling carnation.



Cattleyas, per dozen ..... $4.00 to $7.50
Cypripediums, per dozen ..... 1.50 to 2.00
Asst. Orchid Sprays, etc., per box 5.00 to 25.00

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from bed, 3 year old, in fine growing state. $10.00 per 100.
G. W. Renard & Bro., L. B. 32, Avondale, Pa.
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LINCOLN, NEB.

At the meeting of the Nebraska State Horticultural Society here on January 18 there was a very fine display of fruits and flowers. L. Henderson, of Omaha, won first premium for American Beauty roses; Frey & Frey, of Lincoln, first on tea roses; also on best vase and carnations; the Dole Floral Co., Beatrice, first on violets.

URBANA, O.—S. W. Carey is progressing favorably with the work of rebuilding the greenhouses on Bloomfield avenue recently destroyed by fire.

MONTPELIER, VT.—Emslie & Broadfoot are interested in the whereabouts of a former employee, Chas. E. Simmons, who is said to have collected bills for the firm and never turned in the money.

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Extra select	$4.00
30-inch stems	3.00
24-inch stems	2.00
20-inch stems	1.50
15-inch stems	1.25
12-inch stems	1.00
Short stems	$5.00 to $6.00 per 100.

	Per 100
LIBERTY	$4.00 to $15.00
CHATENAY	8.00 to 12.00
" seconds	4.00 to 6.00
MAIDS AND BRIDES	8.00 to 10.00
" " " seconds.	4.00 to 6.00
PERLE	4.00 to 8.00
UNCLE JOHN	8.00 to 12.00
" " seconds	4.00 to 6.00
SUNRISE	4.00 to 10.00
CARNATIONS	3.00 to 5.00

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Wholesale Cut Flower Prices.

Philadelphia, Jan. 25.

	Per doz.
Beauty, Specials	7.50
" Extra	$5.00 to 6.00
" Medium	3.00 to 4.00
" Short	1.50 to 2.00
	Per 100
Bride and Bridesmaid, Fancy	15.00 to 18.00
" " Select	12.00
" " Ordinary	5.00 to 8.00
Liberty, Fancy	25.00 to 35.00
" Select	12.00 to 15.00
" Ordinary	5.00 to .000
Golden Gate	4.00 to 12.00
Kaiserin	5.00 to 12.00
Sunrise	4.00 to 10.00
Carnations, Fancy	4.00 to 6.00
" Select	2.50 to 3.00
" Ordinary	1.50
Orchids, Cattleyas	50.00
" Dendrobium Formosum	40.00
" Cypripedium Insigne	12.50 to 15.00
Adiantum Cuneatum	1.00
" Croweanum	1.50
" Farleyense	10.00
Asparagus Plumosus, Strings	50.00
" Sprays, per bunch	.50
" Sprengeri, per bunch	.50 to .75
Callas	10.00 to 18.00
Daisies, White or Yellow	1.50 to 3.00
Lilium Harrisii	12.50 to 15.00
Mignonette, Fancy	4.00 to 5.00
" Ordinary	2.00
Paper Whites	2.00 to 3.00
Romans	1.50 to 3.00
Tulips	2.00 to 4.00
Daffodils	3.00 to 5.00
Lilac, White per bunch	1.00 to 2.00
Smilax	12.50 to 15.00
Sweet Peas	.50 to .75
" " Select and White	1.50
Stevia	1.00
Gardenias	50.00
Valley, Fancy	4.00 to 5.00
" Ordinary	2.00 to 3.00
Violets, Double	.50 to 1.00
" Single	.50 to .75
" White	1.50 to 2.00
Freesia	4.00 to 6.00
Myosotis	1.50 to 2.00

THE REVIEW is worth very much more than the subscription price.—F. H. LANMAN, Plymouth, Mass.

HERE is a dollar; the REVIEW is worth a great deal more to me.—THOS. TROUGHTON, Merrimac, Mass.

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		Per 100
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"	Extra	20.00 to 30.00
"	No. 1	10.00 to 15.00
"	Shorts	2.00 to 4.00
Brides and Maids,	Special	10.00 to 15.00
" "	Extra	6.00 to 8.00
" "	No. 1	4.00 to 6.00
" "	No. 2	2.00 to 3.00
Golden Gate		3.00 to 15.00
Liberty		4.00 to 25.00
Mme. Chatenay		3.00 to 10.00
Meteor		3.00 to 6.00
Orchids, Cattleyas		40.00 to 60.00
Cypripediums		6.00 to 12.00
Carnations,	Common	1.00 to 1.50
"	Selects	2.00 to 3.00
"	Fancies	3.00 to 4.00
"	Novelties	5.00 to 8.00
Adiantum Cuneatum		.50 to .75
Asparagus Plumosus,	Strings	25.00 to 50.00
Asparagus Sprengeri,	bunches	15.00 to 25.00
Lilies		10.00 to 12.00
Lily of the Valley		1.00 to 3.00
Smilax		6.00 to 12.00
Violets		.25 to .50
"	Specials	.50 to .75
Narcissi		1.00 to 3.00
Callas		10.00 to 12.00
Daisies		.35 to 1.00
Pansies	doz. bunches	.25 to .35
Tulips		1.00 to 2.00
Mignonette		2.00 to 10.00

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Choice stock, full weight, 50-lb. case, $6.00; 25-lb. case, $3.25

Galax—Brilliant bronze or green, selected, $1 00 per 1000; $3 75 per 5000.

Leucothoe Sprays—Green or bronze, 90c per 100; $7 50 per 1000.

Sphagnum Moss—Large bale, $1 75; by freight, $2.00. Green Sheet Moss—Per bbl. sack, $2.50.

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WILLIAM H. KUEBLER

Wholesale Commission dealer in Cut Flowers, 19 Boerum Place, Tel. 4591 Main, Brooklyn, N. Y.

Mention The Review when you write.



Hardy Cut Fancy and Dagger Ferns,

$1.50 per 1000, best quality. Discount on larger orders.

BRILLIANT BRONZE and GREEN GALAX, $1.00 per 1000.

We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our Specialties are Dagger and Fancy Ferns. A-1 quality, $1 00 per 1000. Laurel Festooning, good and full, hand made, 5c and 6c per yard. Green and Sphagnum Moss, $1.00 per bbl. Sphagnum Moss, 50c a bag, 5 bags, $2.00. Ivy Leaves, $4.00 per 1000. Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—all sizes, Folding Flower Boxes, Ribbon—all sizes and colors, all kinds of Letters, Wire Designs, Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

L. D. Tel. 2618 Main. **HENRY M. ROBINSON & CO., 8 and 11 Province St., BOSTON, Mass.**

Wholesale Cut Flower Prices.

Boston, Jan. 25.

	Per 100
Beauties, Specials	$35.00 to $45 00
" Extra	20 00 to 30.00
" Short Stems	6.00 to 8.00
Brides, Specials	10.00 to 15.00
" Seconds	3.00 to 5.00
Bridesmaids, Specials	12.00 to 18 00
" Seconds	4.00 to 5.00
Liberty	6.00 to 25 00
Chatenay	4 00 to 12 00
Cattleyas	35 00 to 40.00
Cypripediums	8.00 to 10.00
Carnations, Special	4.00 to 5.00
" Select	2.50 to 3.00
" Ordinary	1.00 to 1.50
Violets, single	.50 to .75
" double	.50 to .60
Lily of the Valley	3.00 to 4 00
Narcissi, Paper Whites	1.50 to 2.00
Mignonette	2.00 to 8.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays, bunch	.50
" Sprengeri, bunch	.50
Smilax	8.00 to 10.00
Adiantum	.75 to 1.00
Roman Hyacinths	1.50 to 2 00
Callas	6.00 to 8 00
Lilium Harrisii	8.00 to 10.00
Sweet Peas	1.00 to 1.50
Marguerites	1.00
Freesias	4.00
Yellow Daffodils	4.00 to 5.00
" Jonquils	1.00 to 1.50
Tulips	4.00

HERE is another dollar for the REVIEW; I consider it the best invested money in my whole business.—MICHAEL MANDL, St. Paul, Minn.

I CANNOT do without the REVIEW.—H. BROMSON, Moundsville, W. Va.

A. L. Fortunes,

Wholesale and Retail Dealer in



Dagger Ferns AND Galax Leaves



Bronze or Green Galax, 75c per 1000; $6.50 per case.

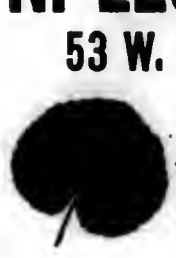
Dagger Ferns, $1.00 per 1000, full count.

431 State Street, NEW HAVEN, CONN.

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N. LECAKES & CO.

53 W. 28th St., NEW YORK



Tel. No. 1214 Madison Square

Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street & 34th Street Cut Flower Market.



SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.

Green and Bronze Galax Leaves.

75c. per 1000.

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1871 **James Hart** 1904

(The Original Pioneer House)

Commission Dealer in **CUT FLOWERS**

117 West 30th St., near Sixth Ave..

Telephone 626 Madison Square. NEW YORK

EVERYTHING IN CUT FLOWERS FROM THE BEST GROWERS.

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H. R. CRAWBUCK E. W. WILES

CRAWBUCK & WILES

Wholesale Dealers in

WILD SMILAX, GALAX, PALM LEAVES, LEUCOTHOE SPRAYS, FANCY AND DAGGER FERNS

Perfect shipping facilities for out-of-town orders.

370 PEARL ST., BROOKLYN, N.Y.

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The Kervan Company,

WHOLESALE DEALERS.

All Decorating Evergreens, Galax, Leucothoe, Mosses, etc.

20 W. 27th Street, NEW YORK.

Telephone 1519 Madison Square.

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Bassett & Washburn

76 Wabash Ave., CHICAGO, ILL.

WHOLESALE GROWERS OF AND DEALERS IN **CUT FLOWERS**

Greenhouses at Hinsdale, Ill.

Mention The Review when you write.

Vaughan & Sperry

WHOLESALE FLORISTS

58-60 Wabash Ave., CHICAGO

Write for Special Prices

Mention The Review when you write.

Wholesale Cut Flower Prices.

Chicago, Jan. 26.

	Per doz.
Beauties, Long stems	$4.00 to $ 5.00
" 30-inch "	3.00
" 24-inch "	2.50
" 20-inch "	2.00
" 15-inch "	1.50
" 12-inch "	1.00
Shorts	.75
	Per 100
Bridesmaids, Specials	$10.00 to $15.00
" Firsts	4.00 to 8.00
Brides, Specials	10.00 to 15.00
" Firsts	4.00 to 8.00
Liberty, Specials	12.00 to 15.00
" Firsts	4.00 to 10.00
Golden Gate, Firsts	10.00 to 12.00
" Seconds	4.00 to 8.00
Meteor, Firsts	10.00 to 12.00
" Seconds	4.00 to 8.00
Ivory, Firsts	10.00 to 12.00
" Seconds	4.00 to 8.00
Perles, Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Chatenay	4.00 to 12.00
Cattleyas	40.00 to 60.00
Cypripediums	12.50 to 18.00
Carnations, Select	2.00 to 3.00
" Fancy	4.00 to 6.00
Violets	.50 to 1.00
Callas	12.50 to 15.00
Harrisii	12.50 to 20.00
Tulips	4.00
Paper Whites and Romans	3.00 to 4.00
Asparagus, Strings	35.00 to 50.00
" Sprays, per bunch,	.25 to .35
Sprengeri, "	.25 to .35
Ferns, per 1,000, $2.00	.25
Adiantum Cuneatum	.75 to 1.00
Smilax, per doz.	1.50



FERNS

FANCY AND DAGGER

$1.25 per 1000. Cash or satisfactory references.

Also Laurel by the 100 lbs. or by the yard. Laurel, 100 lbs. $2.50; Laurel by the yard, 4 and 5 cts. per yard. Balsam Brush for making Balsam Pillows, 75 cents per 100, F. O. B.

ROBERT GROVES, 127 Commercial St. ADAMS, MASS.

Mention The Review when you write.

A. L. RANDALL CO.

Wholesale Florist

19 and 21 RANDOLPH ST., CHICAGO.

Write for special quotations on large orders

Always mention the Florists' Review when writing advertisers.

E. H. HUNT

THE "OLD RELIABLE" FOR

Wholesale Cut Flowers

Hunt's Flowers Go Everywhere.

76 Wabash Ave. CHICAGO.

Beauties, Roses, Carnations, Lilies and Cut Flowers Of All Kinds

Michigan Violets

A SPECIALTY.

Grand Rapids Florists' Ass'n

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Flower Growers' Market

58-60 WABASH AVE., CHICAGO

The Place to Sell Your Stock

SEE PERCY JONES, Manager.

PERCY JONES

Wholesale Cut Flowers

Flower Growers' Market,

60 Wabash Ave., CHICAGO.

STANDING ORDERS SOLICITED.

SINNER BROS.

Wholesale Growers and Shippers of **CUT FLOWERS**

58-60 WABASH AVE., CHICAGO, ILL.

With the Flower Growers' Co. Telephone—Central 3067.

All telephone and telegraph orders given prompt attention.

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37-39 Randolph Street, CHICAGO.

Roses and Carnations A Specialty.....

WHOLESALE GROWER of **CUT FLOWERS**

WIETOR BROS.

Wholesale Growers of **Cut Flowers**

All telegraph and telephone orders given prompt attention.

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GEORGE REINBERG,

51 Wabash Ave., Chicago,

WHOLESALE DEALER IN AND .....GROWER OF **CUT FLOWERS**

Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.

Mention The Review when you write.

WEILAND & RISCH

WHOLESALE GROWERS AND SHIPPERS OF

59 WABASH AVE. **CUT FLOWERS** CHICAGO

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SUCCESSOR TO

BRANT & NOE FLORAL COMPANY,

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Very Choice American Beauties.

Wholesale Grower of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.

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All telegragh and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.

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The Philadelphia Wholesale Flower Market.

White Lilacs, Daisies, Daffodils, Orange Blossoms, Gardenias

We receive a splendid stock of fine BEAUTIES daily.

1235-37 FILBERT STREET, - PHILADELPHIA, PA.

Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Jan. 25.

	Per doz.
Beauties, Specials	$3.00 to $5.00
" Extra	2.00 to 3.00
" No. 1	1.00 to 1.50
" Shorts	.60 to .75
	Per 100
Brides and Maids, Specials	$5.00 to $8.00
" " Extra	3.00 to 4.00
" " No. 1	1.00 to 2.00
Carnot	5.00 to 8.00
Golden Gate	4.00 to 6.00
Kaiserin	5.00 to 6.00
Liberty	5.00 to 8.00
Meteor	5.00 to 6.00
Carnations, Common	1.00 to 1.50
" Select	2.00 to 3.00
" Fancies	4.00 to 5.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" Sprays	1.00 to 1.50
" Sprengeri "	1.00 to 1.50
Lily of the Valley	3.00 to 4.00
Smilax	12.50 to 15.00
Violets, single	.40 to .60
" double	.75 to 1.00
Paper Whites	2.00 to 3.00
Romans	2.00 to 3.00
Callas	10.00 to 12.50
Harrisii	10.00 to 12.50

Milwaukee, Jan. 25.

	Per 100
Beauties, Specials	$35.00
" Extra	$15.00 to 25.00
" No. 1	12.50
" Shorts	4.00 to 6.00
Bride and Bridesmaid, Specials	8.00
" " Extra	6.00
" " No. 1	4.00
" " No. 2	2.00
Golden Gate	4.00 to 8.00
Liberty	4.00 to 10.00
Chatenay	4.00 to 10.00
Meteor	4.00 to 6.00
Perle	4.00 to 6.00
Sunrise	4.00 to 6.00
Carnations, Good	2.00 to 3.00
" Fancies	4.00
Adiantum	1.00
Asparagus Plumosus, strings	50.00
" " sprays	2.00 to 3.00
" Sprengeri, "	2.00 to 3.00
Callas	15.00
Daisies	.40
Lily of the Valley	2.00 to 3.00
Smilax	12.50
Stevia	2.00
Sweet Peas	.75
Violets extra	.50 to .75

Buffalo, Jan. 25.

	Per 100
Beauties, Specials	$50.00 to $60.00
" Extra	25.00 to 40.00
" Shorts	6.00 to 15.00
Brides and Maids, Extra	10.00 to 12.00
" " No. 1	6.00 to 8.00
" " No. 2	2.00 to 5.00
Golden Gate	2.00 to 8.00
Kaiserin	3.00 to 10.00
Liberty	4.00 to 15.00
Meteor	3.00 to 8.00
Mrs. Morgan	2.00 to 4.00
Perle	3.00 to 8.00
Sunrise	2.00 to 6.00
Carnations	2.00 to 5.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	10.00 to 12.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Lilium Harrisii	15.00
Lily of the Valley	3.00 to 5.00
Smilax	15.00
Galax	.10 to .15
Common Ferns	.15 to .20
Violets	.50 to 1.25

C. E. CRITCHELL,
Wholesale Commission Florist.
All varieties of Cut Flowers in season at right prices and of the best quality.
CONSIGNMENTS SOLICITED.
Galax, Ferns and Leucothoe Sprays
Are my specialties.
36 East 3rd St. CINCINNATI, O.
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Wholesale Commission Dealer in Cut Flowers
Consignments Solicited.
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Long Distance Phones { M-980. West 1191-R.

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Wholesale Commission Florist,
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110 E. 3rd St., CINCINNATI, O.
Receiver and Shipper of Cut Flowers.
CONSIGNMENTS SOLICITED.

The J. M. McCullough's Sons Co.
Seedsmen and Wholesale Florists.
Consignments solicited. Special attention given to shipping orders.
316 Walnut Street, CINCINNATI, OHIO.
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H.G. Berning
WHOLESALE FLORIST,
1402 Pine Street,
ST. LOUIS, MO.
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C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
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Wholesale Cut Flowers
Florists' Supplies
C. C. Pollworth Co.
MILWAUKEE, WIS.
Mention The Review when you write.

Wholesale Cut Flower Prices.

Cincinnati, Jan. 25.

	Per 100
Beauties, Extra	$35.00 to $50.00
" No. 1	15.00 to 25.00
" Shorts	8.00 to 12.50
Brides and Maids, Extra	10.00
" " No. 1	6.00
" " No. 2	4.00
Golden Gate	4.00 to 10.00
Kaiserin	4.00 to 10.00
Liberty	3.00 to 12.00
Meteor	3.00 to 10.00
Perle and Sunrise	3.00 to 6.00
Carnations, Common	1.50
" Selects	2.00 to 3.00
" Fancies	4.00 to 6.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays	4.00 to 5.00
" Sprengeri, "	2.00 to 3.00
Lilium Longiflorum	12.50 to 15.00
Smilax	10.00 to 15.00
Lily of the Valley	3.00 to 5.00
Violets	.50 to 2.00
Narcissi, Romans	3.00 to 4.00
Callas	8.00 to 12.50
Tulips	3.00 to 5.00

Pittsburg, Jan. 25.

	Per 100
Beauties, Specials	$50.00 to $60.00
" Extra	30.00 to 40.00
" No. 1	15.00 to 20.00
" Shorts	6.00 to 10.00
Brides and Maids	4.00 to 18.00
Cusin	4.00 to 6.00
Liberty	6.00 to 25.00
Mme. Chatenay	4.00 to 12.00
Carnations	1.00 to 5.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Lily of the Valley	4.00 to 5.00
Violets	.30 to 1.50
Smilax	12.50 to 15.00
Lilies	15.00 to 20.00
Paper Whites and Romans	3.00 to 4.00
Tulips	3.00 to 5.00
Freesia	3.00 to 4.00
Sweet Peas	.30 to 1.00
Lilac	per bunch 1.00

I LIKE the REVIEW very much and look for its coming every week.—CLAUDE WILSON, Dobbs Ferry, N. Y.

PITTSBURG FLORISTS' EXCHANGE
Wholesale Florists and Florists' Supplies.
228 Diamond St., PITTSBURG, PA.
Shipping Given Special Attention.
Mention The Review when you write.

PETER WEILAND,
Wholesale Grower of
Cut Flowers
Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.
128 East 3rd St., CINCINNATI, OHIO.
All stock sold at the PREVAILING MARKET PRICE.
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FRANK M. ELLIS
Wholesale Florist
Finest Stock of Everything in the market.
Extra fine California Violets
Novelties and Supplies of all Kinds.
1316 Pine Street
St. Louis
Long Distance Telephone MAIN 2018-M
Mention The Review when you write.

Bleeding Heart

(Dielytra Spectabilis.)

FOR EASTER FORCING

Select Clumps, per 100, $6.50; per 1000, $60.00.

Tuberous Begonias, single and double.

Gloxinias, splendid strain; ready for delivery.

Asparagus Plumosus Nanus, 100 seeds, 75c; 250 seeds, $1.50; 1000 seeds, $5.00.

Our new list of flower seeds for early sowing mailed for the asking. Please note the many new and improved varieties contained therein.

W. W. BARNARD & CO.,

SEEDSMEN,

161-163 Kinzie Street, CHICAGO

Mention The Review when you write.

KANSAS CITY.

The Market.

Bright, warm weather the past week has started things going again. There is a large amount of stock to choose from. Roses, carnations, sweet peas, violets and lilac are plentiful and of choice quality. Tulips and other bulbous stock are coming in and are selling well. Prices are about the same. There is very little sale for anything but choice stock. The implement dealers having left, the lumber dealers have come, thereby giving us more work. Collections are easier this year than for a number of years. Good prices are asked and cheerfully paid for good stuff, while poor stuff is either given away or thrown on the trash pile.

Various Notes.

W. H. Humfeld, who has been confined to his home by sickness, is able to be at his greenhouses again.

The foreign bulb growers' representatives have been among the growers here this week, one following the other in quick succession.

The Alpha Floral Co. is doing an immense business lately. Their store is always full and it is rumored that they intend to move shortly into a much larger place.

Simon Humfeld, of Muncie, Ind., has been visiting relatives here and incidentally looking up a location, with the view of establishing a wholesale plant in this vicinity. Mr. Humfeld expressed himself as well pleased with the outlook here and claims to have fallen in love with our Missouri climate and people.

Miss J. E. Murray reports business as brisk the past week and has had some large funeral orders.

W. L. Rock filled an order for funeral work from our neighboring city, Leavenworth, last week, which footed up a couple of hundred dollars.

Miss Dalley reports business better than a week ago, collections good and the outlook encouraging.

Geo. M. Kellogg, of Pleasant Hill, is sending in some fine stock these days, principally roses, and has some very fine cyclamens on exhibition at his store here.

James Biggam is going among his friends with a box of cigars. It's a girl.

A. F. Barbe is growing some fine carnations and reports business as very good.

Among the visitors here the past week were W. A. Prosser, New York, and C. L. Knobe, Chicago. NARCISSUS.

HERE is my subscription to the REVIEW. I take great pleasure in sending it as it does not represent more than a small part of the value I receive therefrom.—FRANK H. WALRATH, Rochester, N. Y.

WHEN YOU ORDER

RIBBONS

You want the best money can buy. The RIGHT RIBBONS for Florists' uses are a most attractive line for Wedding Decorations, Funeral Designs, and the prices are so reasonable.

Direct from our Mills to You

Gauze, Taffeta, Satin-Taffeta.

Samples are yours for a postal.

The Pine Tree Silk Mills Company

Philadelphia

OFFICE AND SALESROOMS:

806-808-810 Arch Street, 52 and 54 N. Eighth Street.

Mention The Review when you write.

SPECIAL—SALE—SPECIAL

We must have room and money, therefore offer the following for a limited time at cut prices. Stock is fine. Try a sample order.

		Per doz.	Per 100
2½-in.	Boston Ferns		$3 50
3	" " "	$1.00	7.00
4	" " "	1.75	12.00
5	" " "	2.40	
6	" " "	4.80	
7	" " "	7.00	
2	" Asparagus Plumosus Nanus		3.00
3	" " "	1.00	7.00
2	" " Sprengeri		2.00
2½	" Rex Begonias, Louis Closson.		3.50
6	" Latania Borbonica Palms	each	.60
4	" Kentia Belmoreana "	"	.35

5-in. Rubber Plants	each $0.50
	Per 100
Rooted Cuttings Double Petunias very fine varieties	$1.50
Rooted Cuttings, Salvias	1.50
" " Vinca Variegated	1.50
Caladium Esculentum bulbs, extra fine, 10 to 12-inch	8.00
Wire Baskets, well made, 8-in. 10-in., 12-in. at $1.00 $1.50 and $2.00 per dozen.	
Sheep Manure, per 100 lbs. $1.00.	
Sphagnum Moss, per bale $1 00, write for prices on larger quantities.	

We will take a few good 2-in. S. A. Nutt and Double Gen. Grant Geraniums and some good varieties of Cannas in part exchange.

We can also supply you with the best the market affords in Rubber Hose, Cut Flower Boxes, etc. **Give us a Trial Order.**

Terms cash or satisfactory references. 5 per cent discount for cash with order.

D. U. AUGSPURGER & SONS, P. O. BOX 778 PEORIA, ILL.

Mention The Review when you write.

Fancy or Dagger Ferns



$1 25 per 1000. Galax, brilliant bronze or green, 75c per 1000; $6.50 per case, 10,000. Laurel festooning hand made, full sizes, 4c. 5c and 6c per yard. made fresh daily from the woods. **Send us your orders at once** and we will please you. Branch Laurel, 35c per large bundle. Southern wild Smilax, 50 lb. cases, $5.50 per case. Laurel wreaths and Princess pine wreaths made all sizes and prices. Princess pine by the pound and made into roping. Tell us your wants and we will name you prices.

CROWL FERN CO., - - - MILLINGTON, MASS.

Mention The Review when you write.

ATTENTION !!! FLORISTS

For Wax Flowers, Baskets, Wax Floral Designs, Wheat Sheaves, etc., send to

J. STERN & CO.

1928 GERMANTOWN AVENUE,

Send for our beautiful catalogue. **Philadelphia.**

Mention The Review when you write.

NOBLESVILLE, IND.—Ross Farley has taken a ten years' lease on property at Tenth and Maple avenues and will convert the present buildings into greenhouses.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ORDERS FOR....

CHICAGO

WILL BE FILLED BY

P. J. HAUSWIRTH,
227 Michigan Ave.
Auditorium Annex. Telephone Harrison 585.

LEIKENS, 7 E. 33d St., New York City.
Near Waldorf-Astoria. Phone No. 1417 Madison.
NURSERIES, RUTHERFORD, N.J.

☞Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

A. GUDE & BRO.

1224 F Street, Northwest,
Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE, CLEVELAND, OHIO.

HAVE YOUR

RETAIL ORDERS

FILLED BY THE

GEO. WITTBOLD CO.
1857-59 Buckingham Place. CHICAGO.

Julius Baer,

116 E. Fourth Street.
Long Distance Phone 2478.
Cincinnati, Ohio

PORTLAND, OREGON
CLARKE BROS., 289 Morrison St.

Orders for MINNESOTA or the Northwest will be properly executed by
AUG. S. SWANSON
ST. PAUL, MINN.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.
Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,
2319 AVENUE M. Galveston, Tex.

S. B. Stewart,
No. 119 16th Street, OMAHA, NEB.

FRED C. WEBER, FLORIST,

4326-28 Olive Street, **St. Louis, Mo.**
Established 1873.
Long Distance Phone Lindell 196 M.

MILLS THE FLORIST

36 W. Forsyth Street,
Jacksonville, Florida

Orders for **Chicago and Vicinity**
WILL BE FILLED BY

A. LANGE,

Telephone Central 2522. 51 Monroe St., CHICAGO.

HUGH GRAHAM,

PHILADELPHIA,

104 S. Thirteenth St.
All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,
Cor. MIAMI and GRATIOT AVES.
DETROIT, MICH.

Palmer's
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U. J. VIRGIN,

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FLORISTS AND DECORATORS
NEW LONDON, CONN.

J. J. BENEKE,

1216 Olive Street ST. LOUIS, MO.

WE SELL
BRONZE AND GREEN GALAX
Bronze—Small, 45c; medium 50c; large, 55c per 1000. Green—Small, 35c; medium 40c; large 45c per 1000. Terms, cash or satisfactory references. State how to ship; by freight or express.
J. E. HYLTON & CO., Ballard, Va.

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546 Fifth Avenue
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NEW YORK, CITY.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention . . . . . .

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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

ATLANTIC CITY, N. J.

ALWAYS a fine stock of Cut Flowers, Ferns, Palms and Blooming Plants. Prompt and careful attention to all orders.

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KANSAS CITY, MO.

C. C. Pollworth Co.

WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in
WISCONSIN

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

Houghton & Clark

434 Boylston Street,
Boston, Mass.

WASHINGTON, D. C.
Orders Executed Artistically.

Blackistone,

Long Distance Phone 2180. COR. 14th and H STS.

PLANTS FOR MOIST SITUATION.

In the center of a lake covering about two acres we have just built a plank box 10x12 and four feet high, filled with soil in which we intend to plant caladiums and cannas for the center, with salvias or geraniums for the body. The boards comprising the sides of the box extend from four to six inches above the surface of the water. These boards we desire to hide, covering with vines or running plants, which I presume necessarily would float in the water to some extent. Kindly tell me what would be desirable for this border. M. J. S.

If the surface of the soil is only four to six inches above the water we would not recommend the use of geraniums or salvias in the bed. One or two castor-oil plants might be used in the center; probably one good plant would suffice. Then some tall growing cannas, with some of the lower growing ones in front. If the caladiums are planted as a bordering their leaves would hang over and soon obscure the plank edging. Small flowering creepers could be used to form an edging, but such a bed calls for large leaved and bold plants. We would not advise the use of any small subjects. Some of the taller eulalias or other ornamental grasses would be very effective in such a bed. W. N. C.

NEW YORK, N. Y.—At the New York Botanical Gardens a new greenhouse, 30x208 will be built.

CAMBRIDGE CITY, IND.—Thomas Peet is having a very successful season and is preparing to add considerably to his glass. He grows carnations and ships to the Cincinnati market.

For Your Wants in

Roses, Boston, Piersoni and Scottii Ferns.

Asparagus—Plumosus, Sprengeri.

Carnations, Chrysanthemums and Miscellaneous Stock,

Write **GEO. A. KUHL,**

Pekin, Illinois.

Grower for the Trade.

Mention The Review when you write.

PANSY PLANTS Per 100.

Large Flowering, $2.50 per 1000	$0.60
300 Pelargoniums, mixed, 2-inch pots	2.50
Asparagus Plumosus Nanus, small plant	1.75
10 Varieties Geraniums, 2 and 2½-inch pots	2.50
Alternantheras, red and yellow, March 1	2.00
Asp. Plumosus Nanus Seed, Feb. $5.00 per 1000	.75
10 Varieties Coleus, 2-inch pots, March 1	2.00

—— CASH ——

JOS. H. CUNNINGHAM, Delaware, O.

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Asparagus Plumosus Nanus Seeds

Our own growing, just ripening on selected plants, 100 seeds, 50c; 500 seeds, $2; 1000 seeds, $4.

B. H. Haverland, Pleasant Run, Ohio

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XXXSEEDS

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.

Cineraria. Finest large flowering dwarf, 1000 seeds, 50c.

Phlox Pumila Compacta. Very dwarf and compact; grand for pots; in finest colors, mixed. Trade pkt., 25c.

Alyssum Compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots. Trade pkt., 25c.

Chinese Primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.

Pansy, Finest Giants. The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c.

Petunia. New star, from the finest marked flowers, extra choice. Trade pkt., 25c.

Cash. Liberal extra count of seeds in all packets.

SHAMROCK

...IRISH...

Strong and fine plants. Better order early. $4.00 per 100; or 60c. per doz., by mail.

JOHN F. RUPP, Shiremanstown, Pa.

THE HOME OF PRIMROSES.

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Wild Smilax

Always on Hand and in any Quantity

NONE BETTER.

25 lb. case	$3 00
35 lb. case	4 00
50 lb. case	5 00

E. F. WINTERSON CO.,

45-47-49 Wabash Avenue,

CHICAGO.

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ROOTED CUTTINGS

Roses—Bride, Chatenay, Gate, Perle and Ivory, $2.00 per 100; Uncle John, $5 00 per 100.

Carnations—Mrs. M. A. Patten, $5.00 per 100; D. Whitney, Enchantress, 4c; White Cloud, Joost, Morning Glory, Gov. Wolcott, Q. Louise, $1.50 per 100. **Special price on large lots.**

J. F. AMMANN, Edwardsville, Ill.

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READY NOW—ROOTED CUTTINGS

That will Give Satisfaction

Per 1000		Per 1000
Lawson $12.50	White Cloud	$10.00
Prosperity 12.50	Joost	10.00
Flora Hill 10.00	Marquis	10.00
Queen Louise 10.00	Quality is our hobby.	

W. C. HILL FLORAL CO., Streator, Ill.

CANNAS

Strong Eyes	Per 100	Per 1000
2,500 Chas. Henderson	$2.00	$18.00
1,000 F. Vaughan	2.00	18 00
1,000 Mme. Crozy	2.00	18 00
2,000 Austria	1.50	14.00

CARNATIONS 300 Flamingo, 300 Lady Bountiful, 500 Indianapolis, at $5.00 per 100, or will exchange for Nelson Fisher.

FURROW BROS., Guthrie, Oklahoma

ORCHIDS

CATTLEYA MENDELLI Just arrived in fine condition, a shipment of this scarce and beautiful Orchid. Also Laelia Anceps, Oncidium Tigrinum, etc. Write for special list No. 14.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

PACIFIC COAST.

SAN FRANCISCO.

The Market.

We have been treated with considerable rainy weather during the past week, which I find is not conducive to an increase in business. Everything in the flower line is plentiful enough to supply the demand, which is very limited at present. The growers are not cutting much stock and there is little call for anything except good roses. Beauties are selling wholesale at from $1 to $2.50 per dozen and Brides and Maids at from 35 to 75 cents per dozen. The weather has been so unfavorable that Liberties are not much in evidence and those that are cut are poor of stem and generally off color. Carnations are selling at about the same figure as last reported. Enchantress and Prosperity cost the stores 50 cents per dozen. We have had several large consignments of outdoor poinsettias from Los Angeles that sold wholesale at from $8 to $12 per hundred. Valley and Roman hyacinths are plentiful. Freesias and daffodils are coming in slowly and, narcissi are getting scarcer. Orchids are in good demand; so is Lilium Harrisii. Mums are holding out remarkably well, owing to our mild winter, and violets are still a drug. A few Marie Louise are seen but they are not yet at their best.

Various Notes.

The Shanahan Floral Co. is making a splendid display of ferns, azaleas, lilacs and bulbous stock in its Powell street store. It attracts considerable attention from the passers by.

D. Raymond, of San Jose, is introducing a new flower pot of his own manufacture, that is superior to anything made in this vicinity. It has found a ready sale with the growers here.

Richmond & Mills, of Fullerton, have shipped a carload of young orange trees to the local dealers.

The following unique advertisement is displayed in our daily papers by one of San Francisco's well known florists:

ROBBERY!

Any one asking more than fifty cents per dozen for Estelle, Crocker, Roosevelt, Schwerin or Hill carnations, or more than one dollar per dozen for Prosperity, Enchantress or any other Carnation, commits petty larceny. For particulars see

SHIBELEY THE FLORIST

311 SUTTER ST. 1204 SUTTER ST.

F. A. Jaccard has opened a florists' establishment at 1106 Sutter street. G.

SOIL DETERIORATION.

Because of their fear that the soil composing the peat beds in several parts of California, devoted to the raising of seeds and vegetables, is deteriorating at an alarming rate, growers have sent samples of the soil to the horticultural department of the State University at Berkeley for examination and analysis in the hope that remedies may be suggested for the salvation of this most important industry.

Professor Longbridge has received several samples of soil sent to the department by C. W. Cole, of Santa Ana, and also from a dozen other growers. The problem involved in the analysis especially of the soil devoted to the growing of celery is so delicate and difficult that Prof. Longbridge is loath to discuss it in advance of his tests, to be made at

Araucaria Excelsa,

From 2¼-inch pots, extra strong plants with 2 and 3 tier, 6 to 8 inches high, at $16 per 100.

Araucaria Imbricata,

From 2-inch pots, 4 to 6 inches high, $10 per 100 and from 2½-inch pots 6 to 8 inches high, $12.50 per 100.

F. LUDEMANN,

3041 Baker Street,

San Francisco, Cal.

ROOTED CARNATION CUTTINGS

Big Stock.

ORANGE TREES

Write for Price List.

The Philippi Nurseries, Rocklin, Cal.

Philippi Bros., Props.

Dahlias Field Roots, Clifford W. Burton yellow, Storm King, pure white, A. D. Livoni, pink } $5.00 per 100

Maid of Kent, red tipped, white, mixed..... $4.00 per 100

The Brighton Seed & Floral Co.

215 Occidental Ave., SEATTLE, WASHINGTON.

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FREESIAS

Grand Duchess Oxalis, Bermuda Buttercups, and other flowering bulbs. Write for catalogue.

REES & COMPERE,

R. F. D. 1, LONG BEACH, CAL.

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CALIFORNIA CARNATION CO.

LOOMIS, CAL.

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once. He believes, however, that the trouble with the soil in the peat districts is due to the presence of too much lime. This preponderance is likely to prove greatly injurious to the celery crop, affecting both its quality and volume.

Millions of dollars are represented in the output of the vegetable and seed growers, and with so much at stake, the proceedings of the chemistry branch of the University's agricultural department are being awaited by the men most interested with unusual concern.

The land in the peat beds of the south is different in formation, soil chemists say, from that of any other in the country. It was originally a great swamp, boggy and apparently worthless, covering a territory in Orange county that includes many thousand acres. A few years ago a practical vegetable grower from New Jersey saw the land in question, decided it was good for celery growing and purchased a large tract for a song. His success was immediate and there was at once a boom in the territory. Vegetable and seed growing became a great industry and the owners of the land became wealthy. The output of celery especially grew until hundreds of car loads were shipped annually from the district and its delicacy and ivory whiteness made it a favorite edible in the east.

To save this great industry or to prevent if possible the deterioration of the soil is now the task of Prof. Hilgard's corps of soil experts, of whom Prof. Longbridge is directly in charge.

G.

ENCLOSED find check to cover bill. Had very good success; sold out everything advertised. You have the best advertising medium and all-around florists' paper in circulation.—GEO. MILNE, Winchester, Mass.

Rooted Carnation Cuttings

..NOW READY..

These low prices good only up to December 25.

WHITE:	Per 100	Per 1000
Queen Louise	$1.00	$10.00
Flora Hill	1.00	10.00
Alba	1.40	12.50
Gov. Wolcott	1.00	10.00
Norway	1.00	10.00
Lillian Pond	1.40	12.50
Chicot	1.20	10.00
PINK:		
Mrs. Thos. Lawson	1.40	12.50
Enchantress	3 50	30.00
Mrs. Joost	1.00	10.00
Success	1.00	10.00
Mermaid	1.00	10.00
Cressbrook	1.00	10.00
Pres. McKinley	1.40	12.50
Mrs. Theo. Roosevelt	1.40	12 50
SCARLET:		
G. H. Crane	$1.00	$10.00
America	1.00	10.00

SCARLET:	Per 100	Per 1000
P. Palmer	$1.00	$10.00
Estelle	1.40	12.50
J. H. Manley	1.50	15.00
Apollo	1.50	15.00
CRIMSON:		
Harlowarden	1.40	12.50
Gov. Roosevelt	1.20	10.00
YELLOW:		
Golden Beauty	1.40	12.50
Eldorado	1.00	10.00
VARIEGATED:		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Stella	1.40	12.50
Armazindy	1.00	10.00
Viola Allen	1.20	11.00
Gaiety	1.20	11.00

Special prices on large lots. Unrooted pips at half price of above. 25 at 100 rate. 250 at 1000 rate. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

Loomis Floral Company, LOOMIS, CAL.

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200,000 ROOTED

Carnation Cuttings

NOW READY.

WHITE	Per 100	Per 1000
Queen Louise	$1.00	$10.00
Flora Hill	1.00	10.00
Gov. Wolcott	1.00	10.00
Alba	2.00	15.00
White Cloud	1.00	10.00
PINK		
Lawson	1.20	12.50
Marquis	1.00	10.00
Enchantress	3.50	30.00
Mrs. Joost	1.00	10.00
McKinley	1.40	12.50
Mermaid	1.00	10.00
Cressbrook	1.00	10.00

SCARLET	Per 100	Per 1000
Crane	$1.00	$10.00
America	1.00	10.00
Estelle	1.40	12.50
CRIMSON		
Harlowarden	1.40	12.50
YELLOW		
Eldorado	1.10	12.50
Golden Beauty	1.40	12.50
VARIEGATED		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Armazindy	1.00	10.00
Viola Allen	1.20	11.00

Unrooted Cuttings at one-half price of Rooted Cuttings.

Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

100,000 Pansy Plants at $10.00 a thousand.

Loomis Carnation Co.

Lock Box 115. **Loomis, Cal.**

New Shasta Daisies

ALASKA, CALIFORNIA, WESTRALIA, } $ 3.00 per Doz. 15.00 per 100

Having obtained my stock from Mr. Burbank, it is waranted to be pure and true to name. Postal for circular. Shasta daisy "Shasta," strong field plants, $3.00 per 100. Small plants, one-third less. Prepaid. Cash, please.

FRED GROHE, MacDonald Avenue, **Santa Rosa, Cal.**

Mention The Review when you write.

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CEMENT WALLS.

We are thinking of building cement walls next season. Will you please tell us something about them? K. B.

Having tried walls of cement, I do not favor them in the least, because they absorb too much moisture, which causes the frost to follow clear through the wall. If these are built double with a center air space, this of course will be obviated in a great measure but the expense will be considerably augmented.

The cost of such walls depends a great deal on local conditions. If the material, such as sand, gravel, etc., can be had with small cost of hauling, etc., the expense will be confined to the price of cement and labor, but even at the very lowest cost possible they cannot compare for greenhouse purposes with a well built board wall, finished with well matched siding. R.

PIPING REQUIRED.

How much 3-inch pipe will it take to heat a house 20x100 with hot water to keep a night temperature of 65 to 70 degrees? S. & Y.

Houses 20x100 will require 700 feet of 3-inch pipe to provide the necessary radiation to maintain the temperature desired with hot water at 180 degrees. Unless you have some special reason for using 3-inch pipe you will find it much more expensive than 2-inch to install. The amount of 2-inch pipe necessary to do the same work is 1,040 feet. If the 3-inch pipe costs 20 cents and the 2-inch 10 cents the 700 feet of 3-inch will cost $140 while the 1,040 feet of 2-inch will only cost $104 or $36 saving on each house. You may be able to better these prices and thereby increase your saving. L. C. C.

ROOTED CUTTINGS

Of early Chrysanthemums, Opah, Mme. Bergmann, Willowbrook and October Sunshine.

Rooted Cuttings of Violets of all kinds.

ELI CROSS, Grand Rapids, Mich.

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NICE CLEAN STOCK!

Rooted Carnation Cuttings Cheap.

Enchantress, Nelson Fisher, M. A. Patten, Gov. Wolcott, Boston Market, White Cloud and Mme. F. Joost. Also unrooted of last two varieties. PRICES ON APPLICATION.

C. G. VELIE & SON,

Valley View Greenhouses. **Marlborough, N.Y.**

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UNROOTED Carnation Cuttings

From Clean, Healthy Stock.

Crane, Queen Louise, Joost, Flora Hill, Alba, Peru and Morning Glory, 75c per 100
Harlowarden, Wolcott, $1.00 per 100.

BATAVIA GREENHOUSES, Batavia, Illinois.

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MODEL EXTENSION Carnation Supports.

ALSO

Wire Rose Stakes and Tying Wire.

Igoe Bros., Manufacturers, 226 North 9th St., **Brooklyn, N. Y.**

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500,000 VERBENAS — 60 — VARIETIES

The Largest and Finest Stock in the Country.
PERFECTLY HEALTHY — NO RUST

Rooted Cuttings—Per 100, 60c; per 1000.....$5.00
Plants—2½-inch pots, $2.50 per 100; per 1000.....$20.00

300,000 CARNATIONS ROOTED CUTTINGS CLEAN AND HEALTHY

CRISIS—New Commercial Scarlet; per 100, $12.00; per 1000, $100.00

	100		100		100
Mrs. Patten	$6.00	Flamingo	$6 00	Buttercup	$3 00
Judge Hinsdale	4.00	Dorothy Whitney	3.00	Prosperity	2 00
Lady Bountiful	5.00	Golden Beauty	3 00	Mrs. J. H. Manley	2.50

	100	1000		100	1000		100	1000
Enchantress	$3 00	$25.00	The Queen	$2 50	$20 00	Floriana	$1 25	$10 00
Mrs. Lawson	2 00	15 00	Mrs. E. A. Nelson.	1 50	12 00	Lorna.	1 25	10 00
Adonis.	2.50	20.00	White Cloud	1 50	12.00	Eldorado	1 25	10.00
Harry Fenn	2 00	15 00	Dorothy	1.25	10 00	Mrs. Joost	1.25	10.00
Gov. Roosevelt	1 50	12 00	Wm. Scott	1 25	10 00	Flora Hill	1 25	10.00
Mrs. P. Palmer	1.25	10 00	Queen Louise	1.25	10 00	Portia	1 25	10.00

60,000 GRAFTED ROSES for Forcing — The Finest Grown

Orders booked for delivery in April, May and June.

Liberty, rose pots, 12.00 per 100; 3½-inch pots, per 100.....$18.00
Bride Maid, Golden Gate, Kaiserin, rose pots, $10.00 per 100; 3½-inch pots, per 100.....$15.00

SEND FOR PRICE LIST.

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CRISIS

THE GREAT COMMERCIAL SCARLET CARNATION

$12.00 per 100; $100.00 per 1000

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SPECIAL!

	Per 100
Boston Ferns, from bench, for 4-in.	$ 8.00
" " " " " 5 & 6 in.	15.00
" " 2½-in.	8.00
Asparagus Plumosus, 2-in.	2 00
" " 3-in.	4.00
" **Sprengeri**, 2½ in.	2.00
Salvia Fire Ball, 2½-in.	2.00
Trailing Vinca, Thumb pots, 2 varieties.	2.00
Fuchsias, Little Beauty, 2-in.	3.00
Geraniums and **Mums**, a fine variety. Send for list of same.	

CASH WITH ORDER.

GEO. L. MILLER CO., Newark, Ohio

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Asparagus Plumosus Nanus

fine plants, 3-in., $3.00 per 100; 4-in., $7.00 per 100.

Carnations, unrooted cuttings. Lawson, 75c per 100; Crane, America and F. Hill, 50c per 100.

SAMUEL WHITTON. 15-17 Gray Ave. **UTICA, N.Y.**

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Carnations Rooted Cuttings

FINE HEALTHY STOCK

	Per 100.	Per 1000.
Enchantress	$3.50	$30.00
Queen	2.50	20.00
Lawson	2.00	15.00
Queen Louise	2.00	15.00
Wolcott	2.00	15.00
Floriana	1.50	12.50
Lord	1.25	10.00
Fiancee	12.00	100.00

ROBERT C. PYE, Nyack, New York.

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CINERARIAS

Hybrids; Michell's best strain, 3-in., $6.00 per 100; 4-in., $8.00 per 100.

Cash with order.
All goods shipped at purchaser's risk.

Godfrey Aschmann, Wholesale Grower and Importer of Pot Plants.

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Bell Phone Tioga 3669 A.

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Carnations!

ROOTED CUTTINGS READY NOW.

Clean, Healthy Stock, Well Rooted.

	Per 100	Per 1000
RED		
Crusader	$ 5.00	$ 45.00
Estelle	1.50	12.50
Mrs. Ine	1.50	12.50
Flamingo	5.50	45.00
LIGHT PINK		
Gibson Beauty	12.00	100.00
Enchantress	3.00	25.00
Mrs. Higinbotham	1.00	9.00
PINK		
Mrs. Lawson	1.50	12.50
Mrs. Nelson	1.50	12.50
Guardian Angel	1.00	9.00
Mrs. Joost	1.25	10.00
Genevieve Lord	1.25	10.00
Nelson Fisher	6.50	55.00
WHITE		
Boston Market	2.50	20.00
Peru	1.00	9.00
White Cloud	1.50	12.50
Queen Louise	1.00	9.00
Flora Hill	1.00	9.00
VARIEGATED		
Mrs. M. A. Patten	5.50	45.00
Rooted Rose Cuttings—		
American Beauty	3.00	25.00
Liberty	3.00	25.00
Bridesmaid	1.50	12.50
Bride	1.50	12.50
Ivory	1.50	12.50
Golden Gate	1.50	12.50

GEORGE REINBERG

51 Wabash Ave., **CHICAGO**

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Carnation Cuttings.

	Per 100	Per 1000
ENCHANTRESS	$3.50	$30.00
FAIR MAID	2 50	20.00
QUEEN	3 00	25.00
QUEEN LOUISE	2.00	15.00
LAWSON	2.50	20.00
CRESSBROOK	2.00	15.00
CHALLENGER	2.00	15.00
MACEO	2.00	15.00
H. FENN	3.00	25.00
PROSPERITY	2.50	20 00
MRS. BRADT	3 00	25 00
FIANCEE	12.00	100.00

C. WARBURTON, Fall River, Mass.

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UNROOTED

CARNATION CUTTINGS

The following at $3 per 100; $25 per 1000.

White Lawson, M. A. Patten,
Flamingo, Nelson Fisher,
Lady Bountiful, Crusader,

The following at $2 per 100; $15 per 1000.

Enchantress, The Queen,
Boston Market, Fairmaid.

Imperial Greenhouses, Utica, N. Y.

BOBBINK & ATKINS

Decorative Plants.

Rutherford, N. J.

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$10 per 100
$40 per 500
$75 per 1000

Red Lawson will Bloom

3 to 1 against any other RED Carnation on the market

$10 per 100
$40 per 500
$75 per 1000

8000 BLOOMS Cut and Sold Xmas Week at $1 50 per doz.

Palmer's RED LAWSON

8000 BLOOMS Cut and Sold Xmas Week at $1.50 per doz.

$10 per 100
$40 per 500
$75 per 1000

50,000 CUTTINGS SOLD

and not a word of complaint
FINE, STRONG, HEALTHY CUTTINGS

$10 per 100
$40 per 500
$75 per 1000

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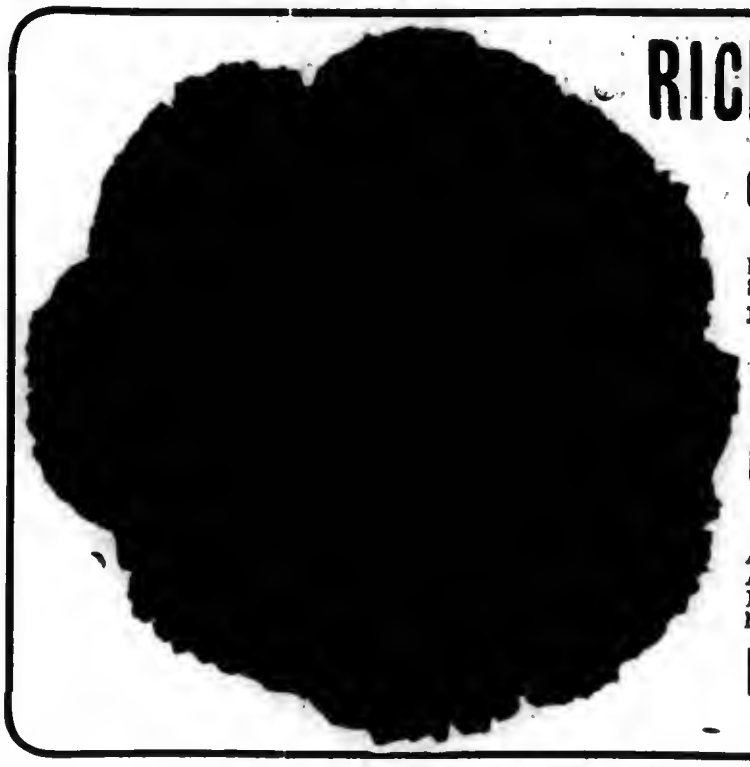
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Carnation Specialists

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Novelties and Standard Varieties

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THE FINEST COMMERCIAL SCARLET

Ever Introduced.

PLACE YOUR ORDERS EARLY.
SEND FOR CIRCULAR.
Per 100, $10; per 1000, $75.

WE MUST HAVE ROOM!

The following stock plants of

Mums For Sale

at a Bargain

Wm. Duckham, A. J. Balfour, Alice Byron, white; Yellow Eaton, Appleton, Omega and Marion Newell, large clumps and in good health. Write for prices.

B. K. & B. FLORAL CO.

RICHMOND, IND.

Mention The Review when you write.

DRAUGHT OF FLUE.

I have a house 12x50 heated by a flue running around the house with thirty inches rise. The first twenty-five feet of the flue is brick, the rest 8-inch tile. The chimney is 8-inch tile and sixteen feet high. It draws very poorly. Can you tell me how to improve it?

T. F.

I see no reason for lack of draught in your flue. It is to be remembered, however, that 120 feet or more is a long chimney and that naturally the draught will be slow. If the same flue stood on end the draught would be much better. It may be that there are trees or buildings near by which cut off the draught on the upright portion of your chimney, if so it will be necessary to increase the height of the upright portion. The kind of fuel used will also influence the draught. It takes a larger flue and a stronger draught for wood or soft coal than for hard coal. The grate area may also be too large for the flue, in which case the draught will be bad. As the conditions and measurements are not stated more definite information cannot be given.

L. C. C.

HEATING.

Will a Weathered No. 6 boiler heat a greenhouse 20x50 and one 18x50 to 56 degrees when it is 15 degrees below zero outside? What size of flow pipes and what number of 2-inch returns will be required? There is a high, solid bed on the east side and another low one in the center with a bench on the west side; shed at the north end and door at the south.

H. W. M.

If you provide a 2-inch riser and five 2-inch returns for each of the two coils, one on the wall over the solid bench on the high side and one under the bench on the low side, you will get sufficient radiation to maintain the temperature mentioned, provided the boiler is capable of maintaining the water at 180 degrees. The dimensions of the two houses are so near alike that the same amount of piping will be satisfactory in either.

L. C. C.

ROOTED CARNATION CUTTINGS

	Per 1000		Per 1000
Enchantress	$25 00	Adonis	$25.00
Lord	10.00	Estelle	12 50
Angel	10 00	Bradt	10.00
Lawson	12.50	Peru	10.00
Flora Hill	10.00	Queen Louise	8.00

Cash or C. O. D.

PERCY JONES, 58-60 Wabash Ave., CHICAGO

Mention The Review when you write.

Strong Rooted Carnation Cuttings

	Per 1000		Per 1000
Enchantress	$30.00	Adonis	$25.00
Lord	10 00	Flamingo	50.00
Angel	10.00	Estelle	15.00
Lawson	10 00	Bradt	10.00
Gov. Wolcott	10 00	Mrs. M. A. Patten	40.00
Flora Hill	10.00	Peru	10.00
Boston Market	20.00	Queen Louise	8.00

Cash or C. O. D.

SOL. GARLAND, Des Plaines, Ill.

Mention The Review when you write.

BOSTON FERNS!

2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.

DAVIS BROS.,

Morrison, Ill., and Geneva, Ill.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

WHITE.	Per 100	Per 1000
Vesper	$5 00	
Queen	2 50	20 00
Queen Louise	2 00	15 00
Gov. Wolcott	2 00	15 00
Boston Market	2 00	15 00
VARIEGATED.		
Mrs. Patten	6 00	
Prosperity	2 00	15 00
Judge Hinsdale	4 00	

PINK.	Per 100	Per 1000
Enchantress	$3 00	$25 00
Lawson	2 00	15 00
Fair Maid	2 00	15 00
Ethel Ward	4 00	
Nelson Fisher	6 00	
CRIMSON.		
Harlowarden	2 50	20 00
Octoroon	4 00	
SCARLET.		
Flamingo	6 00	

GRAFTED ROSES ON STRONG ENGLISH MANETTI STOCK.	Per 100	Per 1000
Bridesmaid, Bride, Golden Gate, Ivory, Mme. Chatenay		$120 00
Uncle John, La Detroit, Gen. MacArthur	$18 00	

SEED.

Asparagus Plumosus Nanus, greenhouse-grown	5 00

SAMUEL S. PENNOCK, 1612-14-16-18 LUDLOW ST., PHILADELPHIA.

Mention The Review when you write.

The John E. Haines Carnation

POSITIVELY THE BEST SCARLET OUT.

SIZE 3½-INCHES AND OVER. TO BE DISSEMINATED IN 1906

Invitations for inspection of greenhouses are extended to all florists. Will gladly furnish sample flowers for exhibitions and club meetings on request.

JOHN E. HAINES, Bethlehem, Pa.

Mention The Review when you write.

ROOTED CUTTINGS READY

WHITE LAWSON $ 7.00 per 100, 60.00 per 1000

ENCHANTRESS $4.00 per 100; $30.00 per 1000.

PINK LAWSON $3.00 per 100; $20.00 per 1000.

SEND FOR CATALOGUE FOR OTHER VARIETIES.

CHICAGO CARNATION CO., JOLIET, ILL.

Mention The Review when you write.

Wanted to Buy

FERNS AND PALMS

OR ANY SALABLE PLANTS

MUST BE BARGAINS

To sell over retail counters. We can handle large quantities of **GOOD** selling **STOCK** if **PRICES** are **RIGHT.**

ALPHA FLORAL CO.

KANSAS CITY, MO.

Mention The Review when you write.

ROOTED COLEUS CUTTINGS

Verschaffeltii, Golden Queen, Lord Palmerston, Fire Brand, Beckwith's Gem, Queen Victoria and Fancies, 60c per 100; $5.00 per 1000.

Golden Bedder, (original), **and Hero, 75c per 100; $6.00 per 1000.**

A discount of 10 per cent allowed on 10,000 or more Coleus. More liberal discounts on larger orders.

AGERATUM—Princess Pauline and Stella Gurney.

SALVIA—Splendens and Jean Revenal. Rooted cuttings 75c per 100; $6.00 per 1000.

VINCAS—Variegata, 3-inch pots, $5.00 per 100.

FRANK A. PIERSON, Cromwell, Conn.

Mention The Review when you write.

THE NEW ROSE WELLESLEY

IS A WELCOME ADDITION TO THE LIST OF FORCING ROSES.

Color is bright pink, with reverse of petals clear silvery pink, thus producing a combination that is exceedingly effective either in daylight or artificial light. Growth is very free and exceptionally vigorous and will prove satisfactory every month in the year. Delivery strictly in rotation, beginning April first. PRICES: Own Root—$25 per 100; $55 per 250; $100 per 500; $200 per 1000. Grafted—$30 per 100; $70 per 250; $130 per 500; $260 per 1000.

Waban Rose Conservatories, Natick, Mass.

JOHN N. MAY, - - SUMMIT, NEW JERSEY.

Carnation

Rooted Cuttings

	Per 100	Per 1000
WHITE LAWSON	$6.00	$50.00
FLAMINGO	6.00	50.00
ENCHANTRESS	3.50	30.00
THE QUEEN	2.50	20.00

THE CARDINAL, from 2-inch pots, $12.00 per 100

LARCHMONT NURSERIES
LARCHMONT, N. Y.

Mention The Review when you write.

"My Maryland"

The largest, most productive and most profitable white carnation yet raised. Will be disseminated in 1906. Write us about it. Also for other new and standard carnations.

Chrysanthemum Stock Plants

Dr. Enguehard	$.85 each;	$3 00 per doz.
White Mrs. J. R. Tranter.	.35 each;	3.00 per doz.
American Beauty	.35 each;	3.00 per doz.
S. T. Wright	.50 each;	5.00 per doz.
Uncle John	.35 each;	3 00 per doz.
Rockford	.25 each;	3.00 per doz.

Mrs. Probin, 35c each. Mrs. Newell, 35c each.

Pacific, P. Rose, Willow Brook, Ivory, Mrs. J. Jones, 10c each; $6.00 per 100. Orizaba, Halliday, Monrovia, Merry Xmas, Liger, H. Sinclair, 10c each, $7.00 per 100.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

ROOTED CARNATION Cuttings, Now Ready

White Lawson, M. A. Patten,
Flamingo, Nelson Fisher,
Lady Bountiful, Albatross,

The above at $5 per 100; $40 per 1000.

The following at $3 per 100; $25 per 1000.

Enchantress, The Queen,
Boston Market, Fairmaid.

Imperial Greenhouses, Utica, N. Y.

Rooted Cuttings CARNATIONS Clean and Healthy

MRS. M. A. PATTEN	$6.00 per 100
NELSON FISHER	7.00 "
ENCHANTRESS	3 00 "
WOLCOTT	2.00 "
BOSTON MARKET	2.00 "
J. H MANLEY	2.00 "
MACEO	2.00 "

SIDNEY LITTLEFIELD, North Abington, Mass.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

CANNAS DRY ROOTS OR STARTED PLANTS

We have too many of them. We must sell about fifty thousand. You are offered the following as long as the surplus lasts, at $3.00 per 100 for dry roots, and $5.00 per 100 for started plants ready to pot up. Order quick. We think this is a "snap" for you; but we have no market for so many.

Duke of York	Souv. de A. Crozy	Gladiator
Black Beauty	Kate Gray	Striped Beauty
Niagara	Buttercup	Martha Washington
Pennsylvania	Duke of Marlborough	Chatauqua
Florence Vaughan	Rosemawr	Alemannia
Ex. Crampbel	David Harem	Pillar of Fire
Brandywine	H. Wendlandt	Egandale
J. D. Cabos	Beaute Poitevine	Queen of Holland
Partenope	Paul Marquant	Queen Charlotte
Seedling No. 2	Wm. Boffinger	West Grove
Burbank	Metallica	St. Louis
President Meyer	Eastern Beauty	Philadelphia
Chas. Henderson	Alsace	Triumph
Jean Tissot	Geo. Washington	Louise
Mme. Crozy	Evolution.	

TERMS CASH ADDRESS: TERMS CASH

Michel Plant and Bulb Co., St. Louis, Mo.

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HERE IS A MONEY-MAKER

New Late Pink Chrysanthemum, Freeda Senner. This Chrysanthemum we have grown three years. It is a very profitable variety on account of it being so very late; begins blooming December 20, continuing to middle of January; color, salmon pink; large and full; strong grower, three to four feet, foliage dark green leaves, well up to bloom, and a good keeper. On account of its lateness, it is bound to be exceedingly valuable.

We will book orders for March delivery, strong rooted cuttings, 10c; $9.00 per 100. Write for estimates on larger lots.

ELLSWORTH, FLORIST, Grand Island, Neb.

Mention The Review when you write.

Rooted Carnations.

	100	1000
MRS. T. W. LAWSON	$2.50	$20.00
HARRY FENN	2.50	20.00
QUEEN LOUISE	2.00	15.00
MRS. ROOSEVELT	2.50	20.00
ALPINE GLOW	2.00	15.00
MANLEY	2.50	20.00

Our stock is first-class and true to name. Ready for delivery March 1. Cash with order. Please place your orders now.

H. ELTZHOLTZ, Cedarhurst, L. I.

Mention The Review when you write.

CARNATION CUTTINGS

Well Rooted from Selected Stock.

	Per 100	Per 1000
NELSON FISHER	$7.00	$60.00
MRS. M. A. PATTEN	6.00	50.00
FLAMINGO	6.00	50.00
CRUSADER	6.00	50.00
D. WHITNEY	5.00	40.00
ENCHANTRESS	4.00	30.00
H. FENN	3.00	25.00
MANLEY	3.00	25.00
FAIR MAID	2.50	20.00
QUEEN	3.00	25.00

BACKER & CO., Billerica, Mass.

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Fred Burki

JOHN MURCHIE,
SHARON, PA.

is the ideal Commercial White Carnation.

Its freedom of bloom coupled with its other meritorious qualities will commend it to the most conservative growers. You will make no mistake by growing **FRED BURKI.**
$12.00 per 100; $100.00 per 1000; 250 at 1000 rate.

S. S. SKIDELSKY,
824 No. 24th St., Philadelphia.

WRITE FOR DESCRIPTIVE CIRCULAR.

Mention The Review when you write.

Chrysanthemum Novelties

We are headquarters for the best new varieties. Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Mileham, Lady Cranston, A. J. Miller, Mrs. D V. West, etc., etc. Complete list now ready. Send for a copy.

CHARLES H. TOTTY, MADISON, N. J.

Mention The Review when you write.

RADIATION REQUIRED.

We have the following houses: One house is 18x50, eleven feet to ridge, two feet glass in wall, temperature required, 55 degrees; one house 18x50, eleven feet to ridge, temperature required, 60 degrees; one house 9x75, nine feet to ridge, two feet glass in wall, temperature required 50 degrees; one house 30x75, fifteen feet to ridge, temperature required, 55 degrees; one house 22x75, twelve and one-half feet to ridge, two feet glass in wall, temperature required, 60 degrees. How many 1¼-inch pipes will it take to keep these temperatures when it is 12 degrees below zero outside? F. B.

Each of the houses 18x50 feet should be provided with eleven runs of 1¼-inch pipe. The house 9x75 feet needs six lines of 1¼-inch pipe. The house 30x75 feet will require nineteen runs of 1¼-inch pipe, and the house 22x75 feet, fifteen runs. If overhead flow pipes are used the houses 18x50 and 9x75 should each be provided with a 2-inch riser, while the houses 30x75 and 22x75 will each require a 2½-inch riser. Steam systems are frequently installed without overhead flow pipes, but where the outside temperature is liable to go very low, 10 to 20 degrees below zero, or where there is only slight difference between the level of the water line in the boilers and the returns, the overhead flow pipes are a decided advantage. L. C. C.

THE REVIEW is all right, the best paper.—C. L. BAUM, Knoxville, Tenn.

Carnation Rooted Cuttings

	Per 100	Per 1000
Lady Bountiful	$6.00	$50 00
The Belle	6 00	50 00
Flamineo	6 00	50.00
Nelson Fisher	6 00	50 00
Mrs. Patten	6.00	50 00
Enchantress	3 50	30.00
Prosperity	3 00	25 00
Manley	3.00	25 00
Boston Market	3 00	25 00
Nelson	3.00	25 00
Harry Fenn	2 50	20 00
Gov. Wolcott	2.50	20 00
Adonis	2.50	20 00
Lawson	2 00	17.50
Fairmaid	2 00	17 50
White Cloud	1.50	12 50
Morning Glory	1.50	12 50
Joost	1.25	10 00
Triumph	1.25	10.00

500 at 1000 rate.

FERNS: Boston Ferns. 2½-inch. $5.00 per 100; 3 inch, at $8.00; 4-inch, at $15 00; 5-inch, at $25 00; 6 inch, at $40.00; 7-inch, at $90.00.

CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

FOR YOUR CAREFUL CONSIDERATION:

CANNAS—The Express—The World's Fair Gold Medal Winner. Strong, started pieces or dormant bulbs, $1.00 per doz.; $6.00 per 100.

OSCODA—The Gilt-edged Express, $1.50 per doz.: $10.00 per 100.

CARNATIONS—Can give early delivery on the following Novelties for 1905: **Fiancee, Chicago White, Fred Burki, Phyllis, The Cardinal** and **Eclipse.** at $2.50 per doz; $12.00 per 100. **Richmond Gem, Red Lawson** and **Wm. Penn,** $2.00 per doz.; $10.00 per 100. Early orders. Best stock.

GERANIUMS—Our Novelties for 1905: **Orosa,** the **Double Mrs. E. G. Hill** and **Snow Queen,** the most prolific single white. Large healthy plants from 2¼ inch pots, $2.00 per doz.; $15.00 per 100. Ready now.

PETUNIAS—Strong thrifty plants from 2¼-inch pots, in four of the best distinct varieties—white, variegated, light and dark pink, $2.50 per 100.

PRIMULA OBCONICA—A fine lot from late sowings in 2¼-inch pots, now setting buds; excellent for Easter sales if shifted at once, $2.50 per 100.

CHRYSANTHEMUMS—Pompons are and will be in heavy demand. Have received first prize on our collection wherever shown. A large quantity of the best commercial varieties of this type in pots and in sand. From sand, $2.00 per 100; from 2¼-in. pots, $3.00 per 100. Buy now and increase stock.

ASTER SEED—We have a surplus of the following home-grown Aster Seed, perfectly clean and plump: **Vick's Daybreak,** $1.00 per oz.; **Vick's Branching Rose,** 60c per oz.

NATHAN SMITH & SON
Adrian, Mich.

Mention The Review when you write.

Are Your Flora Hill, Gov. Wolcott and Queen Louise Bursting?

Better get a stock of our **INDIANA MARKET.** It does not burst. It always has a beautiful round form, and it is the freest blooming white we have to-day. A fine bloomer both winter and summer. Strong clove scent.

BEATRICE is easily the freest and most profitable light pink carnation on the market. Long strong stems, no burst calyx, and a fine color. Just what you want in large quantity for moderate-priced blooms for your every-day trade.

FLAMBEAU—the warm-weather scarlet.

All three were awarded Certificates of Merit Nov. 15, 1904, by the State Society of Indiana Florists. $10.00 per 100; $80.00 per 1000.

Get our descriptive price list of the cream of last year's novelties as well as standard sorts. **Indianapolis** is the most profitable deep pink carnation on the market. $5.00 per 100; $45.00 per 1000.

BAUR & SMITH, CARNATION CUTTINGS A SPECIALTY. 38th St. and Senate Ave., **INDIANAPOLIS, IND.**

Mention The Review when you write.

50,000

ROOTED CUTTINGS

Geraniums—The "Six Kings" for bedding. S. A. Nutt, (D. crimson), Paul Bruant, (D. scarlet), J. Viaud (D. pink), Beaute Poitevine, (Dbl. salmon), Mrs. E. G. Hill, (Single salmon), Mme. Buchner, (D. white). Large top cuttings, well rooted, $1.50 per 100; $14.00 per 1000.

Petunias—Double Fringed. We are headquarters for these. Six distinct novelties, labeled, $1.25 per 100; $10.00 per 1000.

Salvias—The two best. Drooping Beauty, (dwarf), Bonfire, (tall), $1.00 per 100; $8.00 per 1000.

Asparagus Plumosus Nanus—Plants from 3-inch pots, $3.00 per 100.

Carnations—Don't buy until you see our list.

Boston Ferns—Strong plants from 4-inch pots, $10.00 per 100.

The W. T. Buckley Co.

SPRINGFIELD, ILL.

Mention The Review when you write.

10,000 Latania Borbonica PALMS

We have a fine stock of this variety, strong plants in 2½ and 3-inch pots some of which are showing character leaves, ready for immediate shift. While they last, **$5.00 per 100; $45.00 per 1000.**

The DINGEE & CONARD CO.

WEST GROVE, PA.

Mention The Review when you write.

NEW PRICE LIST ON

Pyramid KAISER KRONEN Standard Bay Trees

Orders booked now.

Julius Roehrs, Rutherford, N. J.

Mention The Review when you write.

DISCOUNT ON BOSTON and PIERSON FERNS

SPECIAL.

J. B. Braidwood, Successor to William Clark.

COLORADO SPRINGS, COLO.

Send for Price List.

Mention The Review when you write.

LORRAINE BEGONIAS

Now is the time to order your stock for early delivery. Fine thrifty stock from 2-in. pots.

April delivery.....$15.00 per 100
May delivery..... 12.00 per 100
Special quotations on 1000 lots.

A. JABLONSKY, WELLSTON, ST. LOUIS, MO.

Mention The Review when you write.

Boston Ferns

Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots, at 25c, 50c, 75c, $1.00 each.

KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS

Cash or reference please.

L. H. Foster, 45 King St. **Dorchester, Mass.**

Mention The Review when you write.

NEPHROLEPIS SCOTTII

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time. Prices—6-in. pot-grown, ready for 8-in., $15.00 per doz.; 7-in. pot-grown, $24.00 per doz.; 8-in. pot-grown, $36.00 per doz.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

Mention The Review when you write.

GERANIUMS

Good strong healthy plants, from 2¼-in. pots, 40c per dozen; $2.00 per 100; $17.50 per 1000, provided that not less than 200 of any one variety are ordered.

DOUBLES—Bruanti, Centaure, Comtesse de Harcourt, Double Gen. Grant, Gloire de France, Jean Viaud, La Favorite, Le Cid, Mme. Canovas, Mme. Charotte Mme. Jaulin, Mme. Landry, Miss Kendell Miss Frances Perkins. **SINGLES**—Granville, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Single Gen. Grant.

Greenhouse Plants

2¼ in stock; not less than 5 of any one variety sold.

	Per 100	1000
Abutilon Savitzii	$2 00	
Ageratums, dwarf white and Stella Gurney, 40c per doz	2.00	
Alternanthera, red and yellow, in variety	2.00	$15.00
Alyssum dwarf and giant double, 40c per doz	2.00	
Aquilegia (Columbine) single mixed	3.00	
Cannas, 10 varieties, 3-in	4 00	
Coleus, good varieties	2.00	15.00
Cuphea (Cigar plant)	2.00	
Fuchsias, Black Prince, Minnesota,	2 00	
Gaillardia Grandiflora	3.00	
Hardy Chrysanthemums, large flowering varieties	3.00	
Our collection of Hardy Chrysanthemums was awarded the diploma at New York by the American Institute.		
Hardy Chrysanthemums, small flowering varieties	2 00	
Hardy English Ivy	2.00	15.00
Heliotrope, good varieties	2.00	
" Chieftain, a fine variety, 40c per doz	2 00	17.50

	Per 100	1000
Hibiscus, 3 varieties	$3.00	
Hollyhock, double white and mixed, 3 in. pots	3 00	
Holt's Mammoth Sage	2.00	$15.00
Lemon Verbena	2.50	17.50
Lantanas 10 varieties	2.00	17.50
Lobelia, Crystal Palace, dwarf, 40c doz.	2.00	
Maranta Massangeana	4.00	
Moonvines, white and blue, 50c doz.	3.00	
Petunias, double, mixed	2.50	
" 5 named varieties	3 00	
Phlox, hardy, 10 named varieties	3 00	
Salvia, in variety	2.00	17.50
Smilax, strong	2.00	15.00
Stevia variegated	2.00	
Swainsona Alba and Rosea	2.00	17.50
Sweet William double, mixed	3.00	
Verbenas, white, purple, scarlet	2.00	

Write us for special price on large lots of anything in this list.

DAHLIA ROOTS.

Good selection of standard varieties, $5.00 per 100; $40.00 per 1000. Mixed $4.00 per 100; $35.00 per 1000. Send for list.

CASH WITH ORDER.

A cordial invitation is extended to our customers, and the trade in general, to visit us and inspect our place.

R. Vincent, Jr. & Son, White Marsh, Md.

Mention The Review when you write.

Dahlias, Pot Roots,

Awarded 10 Gold Medals in 1903 and 12 Gold Medals in 1904.

Awarded the Silver Medal by the International Jury at the St. Louis Exposition.

POT ROOTS FOR SHIPMENT AT ONCE Every section, including the popular CACTUS DAHLIAS at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 per 100. These are post free terms. Note this when comparing prices. **Terms cash with order.**

TEMPTING BARGAINS Those who prefer to have their goods through a forwarding house instead of by parcel post can be supplied in every section, including Cactus at $4.00, $5.00 and $6.00 per 100 in 25 sorts.

12 SEEDLING CACTUS DAHLIAS All 1903 sorts and certificated by the Dahlia Societies in England; post free for $2 50; Albion, Etna, Eva, Iceberg, John Gilpin, Mabel Tullock, Winsome, Amos Perry, Fred Cobbold, F. H. Chapman, Loogalu and Red Cap.

1904 SEEDLING CACTUS DAHLIAS A rare opportunity; only a few to offer at $1.25 each, post free in quantities of not less than 4 sorts. Dainty, Dorothy Vernon, Effective, Northern Star, Sweet Nell., Yellow Gem, F. M. Stredwick, Mrs. Brousson, Mrs. Wilkinson, Oliver Twist, Hereward, Comet, Osprey, Sirius and Rainbow. One each of these 16 novelties post free for $16.00. **Terms cash with order.**

HOBBIES LIMITED Catalogue free of charge. NORFOLK NURSERIES **DEREHAM, ENG.**

Mention The Review when you write.

50,000 FINE ASPARAGUS PLUMOSUS NANUS

	Per 100	Per 1000
ASPARAGUS PLUMOSUS NANUS, 2½-inch,	$2.00	$10.00
ASPARAGUS PLUMOSUS NANUS, 3½-inch,	3.50	15.00

Express Prepaid at above Prices—CASH

WM. LINFOOT, 317 N. Vermilion St. **DANVILLE, ILL.**

Mention The Review when you write.

BOSTON FERNS. Fine plants, 4 inch, $12.00 per 100; 5-inch, $24.00 per 100.
Field-grown **CARNATION** Plants, Joost, Freedom and Goodenough, $4.00 per 100.
VINCA, rooted cuttings $1.00 per 100.
Converse Greenhouses, Webster, Mass.
Mention The Review when you write.

SIGMUND GELLER,

FLORISTS' SUPPLIES AND RIBBONS
108 W. 28th St., NEW YORK CITY.
—HEADQUARTERS FOR NOVELTIES—

VARIOUS PLANTS.

Will you kindly tell me the best variety of spiræa to grow in order to obtain good results, also the best variety of maidenhair fern? I grow the Adiantum Croweanum. Is it best to grow red plumbago in pots? I grow it in solid beds. Also kindly tell when to cut it back and have it in bloom for the holidays. By answering these questions you will greatly oblige M. J. G.

The best varieties of spiræa for general forcing purposes are Astilbe Japonica floribunda and A. compacta. For extra fine specimens in pots the variety Gladstone is unsurpassed.

Adiantum cuneatum is still one of the best for general purposes. A. Croweanum is stronger in growth and can be grown with success under the same condition as A. cuneatum.

Plumbagos should be pruned hard back as soon as the blooming season is past and should then have a partial rest for at least two months. P. rosea, being a winter bloomer, can be rested after Easter and in order to have a full crop at holiday time they should be started not later than August. R.

VARIATION IN SMILAX.

I enclose a spray of smilax that is different from any we have seen and would like to know if it is a new variety or sport, also its commercial value?

C. H. H.

The specimen in question was quite dry and shriveled when received, but appears to be another instance of seedling variation in this plant. It is simply a narrow-leaved form of the ordinary smilax and either the same form or one very much like it has been seen several times before. Its commercial value is doubtful from the fact that it would probably make too light a string to suit the average florist.

W. H. Taplin.

Bedding Plants

Cash with order.	Per 1000	Per 100 2¼-in. Exp.	Per 100 R. C. Mail
50,000 Alternantheras, red, yellow, R. C.	$ 5.00	$15.00	$0.65
Alyssum, double sweet		2.00	1.00
Boston Ferns, 5-inch, 25 cts.,		3.00	
Feverfew, Little Gem	15.00	2.00	1.25
Fuchsia, 6 named varieties		2.50	1.25
25,000 Geraniums, Nutt and 20 other varieties		2.50	1.50
15,000 Geraniums, Mme. Sallerol.		2.00	1.00
Petunias, double fringed, white.		2.50	1.50
Pansies, Florists' International, in bud and bloom, for southern shipment	15.00		2.00
Salvia, 4 named varieties		2.00	1.00
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LUDVIG MOSBAEK, Onarga, Ill.

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The best, strongest and neatest folding Cut Flower Box ever made. **Cheap. Durable.** To try them once is to use them always.

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" No. 1	3x4½x16	1.90	" 17.50	"
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" No. 3	4x8x18	2.50	" 23.00	"
" No. 4	3x5x24	2.75	" 6.00	"
" No. 5	4x8x22	3.00	" .50	"
" No. 6	4x8x28	3.75	" .00	"
" No. 7	6x16x20	5.50	" .00	"
" No. 8	3x7x21	3.00	" .50	"
" No. 9	5x10x35	6.50	" 62.00	"
" No. 10	7x20x20	7.50	" 67.00	"
" No. 11	3½x5x30	3.00	" 28.50	"

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Box 104.

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For nearly half a century we have been making a specialty of **DOUBLE PETUNIAS** and our strain is accepted as second to none, either here or in Europe. We annually plant many thousand seedlings from which only the finest double fringed forms are selected for propagating purposes, thus improving the strain every season, and this year's collection is the brightest and most pleasing one we have yet sent out. We offer 15 distinct varieties.

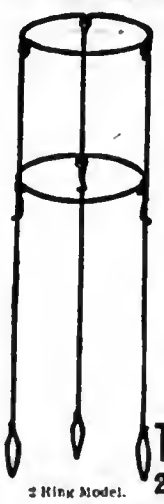
2¼-inch pots, 60c per doz.; $4.00 per 100; the set of 15 for 75c.
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VERBENAS, 30 var., 60c per 100; $5.00 per 1000.
HELIOTROPE, 12 var., $1.00 per 100; $8 per 1000.
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SALVIAS, 6 var., $1.00 per 100; $8.00 per 1000.
GIANT ALYSSUM, $1.00 per 100; $8.00 per 1000.
AGERATUMS, 4 var., 60c per 100; $5.00 per 1000.
COLEUS, 40 var., 70c per 100; $6.00 per 1000.
DAISIES, $1.00 per 100.

Express prepaid on all R. C.
Cash with orders. Write

S. D. Brant, Clay Center, Kan.

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ASPARAGUS SPRENGERI, Extra quality, 2½-in. pots	2.00
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This is for Sprinkling or Dusting Purposes only and will not burn for fumigation. This DUSTING POWDER differs from any other on the market in being FREE FROM ANY TOBACCO OR TOBACCO ODOR and in ALWAYS CONTAINING A DEFINITE AMOUNT of FREE PURE NICOTINE, which is added to a specially prepared powder. The nicotine being in a free form, is gradually given off, killing all insects on flowers, plants and vegetables, leaving a perfectly ODORLESS POWDER OR RESIDUE, which is readily shaken or washed off, and SHOULD any remain it will NOT DECAY or ROT, thus differing from tobacco dust, etc. The advantage of this Powder should strongly appeal to Greenhouse Vegetable Growers, whose products must be free from foreign or objectionable tastes.

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POMPON CHRYSANTHEMUMS
ROOTED CUTTINGS

Having secured the Japanese exhibit of Pompon Chrysanthemums at the World's Fair, we have the following colors to offer:

Flowers from 1 to 2½ in. across; White; White with Lavender Edge; Yellow; Yellow with White Edge; Yellow with Bronze Edge; Lavender, Dark; Lavender, Light; Red; Red Hairy Petals, and Bronze, at $3.00 per 100. Cash with order.

Bentzen Floral Co., St. Louis, Mo.

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CHRYSANTHEMUMS

ROOTED CUTTINGS NOW READY.

A Few of Our Leaders:

Wm. Duckham, Ben Wells, F. A. Cobbold, Leila Filkins, $3.00 per 100; Dr. Enguehard, $4.00 per 100; Mrs. Thirkell, $2.00 per 100.

Send for complete list. No order filled for less than $1.00.

W. A. CHALFANT, Springfield, Mo.

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Geraniums—R. C., Gen. Grant, Nutt, Hill, B. Poitevine, J. Viaud, Heteranthe, Favorite, J. Doyle, $1.25 per 100; $10.00 per 1000. From 2¼-in., strong, $2.00 per 100; $18.00 per 1000. **Salvias and Achyranthes** from sand, $10.00 per 1000. Cash please. **JAS. AMBACHER, West End, N. J.**

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86 INCHES WIDE; 30 INCHES DEEP; 74 INCHES HIGH

IN STOCK READY FOR IMMEDIATE SHIPMENT

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CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii, 2¼-in. pots, $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha rooted cuttings. Tricolor, macrophylla and marginata, $1.00 100, $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

ACHYRANTHES.

Achyranthe rooted cuttings, from sand, $10.00 1000. Cash. J. Ambacher, West End, N. J.

ADIANTUMS.

Adiantum, a good sort for cut fronds and fern dishes, 2½-in., 3c; 3-in., 5c; 4-in., 8c. Fine stock. A. E. Wohlert, Bala, Phila., Pa.

Adiantum hybridum, 2¼-in. pots, $5.00 100.
A. Ley & Bro., Langdon, D. C.

AGERATUMS.

Ageratums Stella Gurney, P. Pauline and Lady Isabella; rooted cuttings 60c 100; $5.00 1000. Prepaid. C. Humfeld, Clay Center, Kan.

Ageratums Princess Pauline and Stella Gurney, rooted cuttings, 75c 100; $6.00 1000.
Frank A. Pierson, Cromwell, Conn.

Ageratums Stella Gurney and Dwarf Beauty, rooted cuttings, $1.00 100, $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Ageratum rooted cuttings, 4 var., 60c 100; $5.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Ageratums, Stella Gurney and dwarf white, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Princess Pauline, rooted cuttings, 50c 100; prepaid. Hopkins & Hopkins, Chepachet, R. I.

ALTERNANTHERAS.

Alternantheras, red and yellow; rooted cuttings, Sept. struck, 60c 100; $5.00 1000. Prepaid. C. Humfeld, Clay Center, Kan.

Alternantheras, red and yellow; strong, R. C. 50c per 100, $4.50 per 1000. Cash.
Byer Bros., Chambersburg, Pa.

Alternantheras, red and yellow, in variety, 2¼-in., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow, ready March 1, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, Ohio.

Brilliantissima, 75c doz.; $4.00 100.
C. Winterich, Defiance, O.

ALYSSUM.

Sweet alyssum, our big double giant; rooted cuttings, $1.00 100; $8.00 1000. Prepaid.
C. Humfeld, Clay Center, Kan.

Giant alysaum rooted cuttings, $1.00 100; $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Alyssum, dwarf and giant double, 2¼ in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Alyssum Giant, fine 2-in., 2c; R. C., ¾c, mail. Cash.
Byer Floral Co., Shippensburg, Pa.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100. Araucaria imbricata, 2-in. pots, 4 to 6 inches high, $10.00 100; 2½-in. pots, 6 to 8 inches high, $12.50 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

ASPARAGUS.

For sale cheap, 400 4-year-old Asparagus plumosus nanus roots; have them on side table, no head-room to grow strings; will sell for $8.00 per 100. Terms: Cash with order.
H. P. Owen, Central Valley Greenhouses, Toughkenamon, Chester Co., Pa.

Asparagus plumosus nanus, strong, 3-in., from bench. $3.00 per 100; $25.00 per 1000. Cash. Prepaid.
Golden State Plant & Floral Co., Santa Monica, Cal.

Asparagus plumosus nanus, 2½-in. pots, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus nanus. To close out will sell the 2½-in. for $2.25 per 100; 3-in., $3.50 per 100. These are extra value; must clean them out to make room.
W. A. Wettlin, Hornellsville, N. Y.

Asparagus plumosus nanus, 2-in., $3.00 100; 3-in., $1.00 doz., $7.00 100. Sprengeri, 2-in., $2.00 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Asparagus plumosus, 2¼-in., $2.50; 3-in., $4.00. Sprengeri, 2¼-in., $2.00; 3-in., $3.00. Fine and pot-bound ready to shift.
S. M. Harbison, Danville, Ky.

Asparagus plumosus nanus, fine bushy stock from 2½-in. pots, $3.00; from 3-in. pots, $5.00; from 3½-in. pots, $8.00 per 100.
Paul Mader, East Stroudsburg, Pa.

50,000 fine Asparagus plumosus nanus, 2½-in., $2.00 100, $10.00 1000; 3½-in., $3.50 100, $15.00 1000. Express prepaid.
Wm. Linfoot, No. Vermilion, Danville, Ill.

Asparagus plumosus nanus, 4-in., $20.00 100. Sprengeri, 4-in., $12.00 100.
Anderson & Christensen, Short Hills, N. J.

Asparagus plumosus nanus, fine plants, 3-in., $3.00 100; 4-in., $7.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus Sprengeri, extra quality, 2½-in., $2.00 100. A. plumosus, extra quality, 2¼-in., $2.50 100; 3-in., $4.00.
John Brod, Niles Center, Ill.

Asparagus plumosus, 2-in., $2.00 100; 3-in., $4.00 100; Sprengeri, 2½-in., $2.00 100. Cash.
Geo. L. Miller Co., Newark, Ohio.

A. plumosus nanus, No. 1, 2-in., 2c; 3-in., very fine, 4c; Sprengeri, 2-in., 1¾c. Cash.
Byer Bros., Chambersburg, Pa.

Fine Asparagus Sprengeri from bed; 3 years old, in fine growing state, at $10.00 100.
G. W. Renard & Bro., Avondale, Pa.

Asparagus plumosus, strong, 4-in., $8.00 100; prepaid. Hopkins & Hopkins, Chepachet, R. I.

Asparagus plumosus nanus, small plants, $1.75 100. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus, 2¼-inch pots, $3.00 100. Cash. Joseph Towell, Paterson, N. J.

Asparagus Sprengeri, strong plants, 3-in., 3c; 4-in., 4c. T. E. Guy, Sta. A, Columbus, O.

Asparagus plumosus nanus, 4 -in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus Sprengeri, fine, 2½-in., $2.00 100.
A. J. Baldwin, Newark, Ohio.

Asparagus plumosus nanus, 3-in., $3.00 100.
W. T. Buckley Co., Springfield, Ill.

Asparagus plumosus, 4-in., 15c.
J. Ruasler, Avon Ave., Morgan Park, Ill.

AZALEAS.

Azalea mollis, extra fine, $35.00 100; standards, $75.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Advertisers have learned from experience that
THE REVIEW
PAYS
BEST.

BAY TREES.

New price list on pyramid, Kaiser Kronen, and standard bay trees. Orders booked now.
Julius Roehrs, Rutherford, N. J.

BEGONIAS.

It is now time to start your tuberous begonias for spring bedding. Send us $1.00, $2.00 or $3.00 and we will send you an excellent collection, in single and double, separate colors, or mixed. N. Le Page, Mt. Vernon, N. Y.

Rex begonias, best varieties, mixed. Extra strong plants out of 2½-in. pots, ready for 4 and 5-in., $5.00 per 100. Cash, please. Birmingham Floral Co., Avondale Station, Birmingham, Ala.

Lorraine begonias. Order now for early delivery. Fine thrifty stock from 2-in. April delivery, $15.00 100; May delivery, $12.00 100. Special quotation on 1000 lots.
A. Jablonsky, Wellston, St. Louis, Mo.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Louis Closson. 2½-in., $3.50 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Rex, 15 sorts, mixed; R. C., prepaid, $1.10 per 100, cash. Byer Bros., Chambersburg, Pa.

Rex begonias, in variety, 3-in., $4.00 100.
Paul O. Tauer, Lebanon, Ind.

BULBS.

Surplus HYACINTHS, TULIPS and MISCELLANEOUS BULBS at surprisingly low prices to clear. Write at once.
Johnson & Stokes, 217-219 Market St., Phila.

Freesias, Grand Duchess Oxalis, Bermuda Buttercup and other flowering bulbs. Write for catalogue.
Rees & Compere, Long Beach, Cal.

All spring bulbs now ready. Our bulbs are always reliable. Wholesale catalogue for the asking.
Arthur T. Boddington, 342 West 14th St., N. Y.

If you want fine Mexican bulbs, see adv. under the heading of Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

Caladium esculentum, extra fine, 10 to 12-in., $8.00 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Dwarf Pearl and variegated tuberoses, Caladium esculentums, all sizes. Write us.
The H. E. Newbury Co., Magnolia, N. C.

Milla and bessera bulbs, large and small, $5.00 per 1000. Will exchange.
C. R. Orcutt, San Diego, Cal.

D. Rusconi, importer of bulbs, plants and shrubbery, 32 West 6th St., Cincinnati, O.

CACTI.

Epiphyllum truncatum, in bud and bloom; 3-yr.-crowns, from 25c to 50c each. Cash with order. A. Mirring, East St. Louis, Ill.

If you want fine CACTI see adv. under heading Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

There is no better or cheaper way of reaching the buyers than through the medium of THE REVIEW'S classified advs.

CANNAS.

Cannas. Dry roots or started plants. We have 50,000 too many and offer them while they last at $3.00 per 100 for dry roots, and $5.00 for started plants ready to pot up. See our display adv. in this issue for list of varieties.
Michel Plant and Bulb Co., St. Louis, Mo.

Cannas. The EXPRESS, the World's Fair Gold Medal winner, strong started pieces or dormant bulbs, $1.00 doz.; $6.00 100. OSCODA, the gilt-edged Express, $1.50 doz.; $10.00 100.
Nathan Smith & Son, Adrian, Mich.

Cannas, strong eyes.

	100	1000		100	1000
C. Henderson.	$2.00	$18	Mme. Crozy..	$2.00	$18
F. Vaughan..	2.00	18	Austria	1.50	14

Furrow Bros., Guthrie, Okla.

50,000 cannas, Austria, Italia, Crozy, Marquant, Henderson, at $9.00 per 1000, strong 2 and 3-eye roots. Cash with order, please.
Geo. Just, Jacksonville, Fla.

Canna roots, $1.50 per 100. Tarrytown, Florence Vaughan, Italia, Austria, McKinley, Marlboro, Egandale, Sam Trelease.
C. M. Niuffer, Springfield, Ohio.

Cannas, extra fine, plump bulbs, fine varieties, $1.25 100; $10.00 1000.
A. J. Baldwin, Newark, Ohio.

Cannas, 10 varieties, 3-in. pots, $4.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

CARNATIONS.

Carnation rooted cuttings.

White	100	1000	Scarlet	100	1000
Q. Louise..	$1.00	$10.00	Crane	$1.00	$10.00
F. Hill....	1.00	10.00	America ..	1.00	10.00
Alba	1.40	12.50	P. Palmer.	1.00	10.00
Norway ..	1.00	10.00	Estelle ...	1.40	12.50
Wolcott ..	1.00	10.00	Manley ...	1.50	15.00
L. Pond...	1.40	12.50	Apollo	1.50	15.00
Chicot	1.20	10.00			
Pink			**Yellow**		
Lawson ...	1.40	12.50	G. Beauty.	1.40	12.50
Enchantress	3.50	30.00	Eldorado .	1.00	10.00
Joost	1.00	10.00	**Variegated**		
Success ...	1.00	10.00	Prosperity.	1.40	12.50
Mermaid .	1.00	10.00	M. Field..	1.40	12.50
Cressbrook.	1.00	10.00	Stella	1.40	12.50
McKinley .	1.40	12.50	Armazindy.	1.00	10.00
Mrs. R'sev't	1.40	12.50	V. Allen..	1.20	11.00
			Gaiety ...	1.20	11.00

Crimson—Harlowarden, $1.40 100; $12.50 1000. G. Roosevelt, $1.20 100; $10.00 1000. Special prices on large lots. Unrooted pips at half price. 25 at 100 rate; 250 at 1000 rate. Express prepaid. Cash or C. O. D. with privilege of examining.
Loomis Floral Co., Loomis, Cal.

Carnation rooted cuttings, now ready.

Eclipse, our 1905 introduction. A pink carnation, lighter in color than Lawson, and of a more even and bright shade of pink. No objectionable shading or bleachings. A strong, free grower, $12.00 100; $100.00 1000.

Lady Bountiful and The Belle, the two best commercial white carnations of the present day. Both have received honors over competitors at the Fall exhibitions. $6.00 100; $50.00 1000; $112.50 per 2500.

Fiancee, a most pleasing shade of medium pink. No carnation has ever equaled the number of awards received by this variety. $12.00 100; $100.00 1000.

Cardinal, brilliant scarlet. A great improvement over Estelle. $12.00 100; $100.00 1000.

F. Burki, pure white. $12.00 100; $100.00 1000.

Richmond Gem, scarlet, $10.00 100; $75.00 1000.

White Lawson, $7.00 100; $60.00 1000.

Flamingo, Nelson Fisher and Mrs. M. A. Patten, $6.00 100; $50.00 1000.

Crusader, Indianapolis, Judge Hinsdale and The President, $5.00 100; $40.00 1000.

Enchantress, $3.00 100; $25.00 1000.

In addition to the above we can supply 25 of the best standard sorts, varieties that are profitable to grow. Our preliminary price list will be sent upon application.

F. Dorner & Sons Co., La Fayette, Ind.

Are your Flora Hill, Gov. Wolcott and Queen Louise bursting? Better get a stock of our INDIANA MARKET. It does not burst. It always has a beautiful round form and it is the freest blooming white we have today. A fine bloomer both winter and summer. Strong clove scent.

BEATRICE is easily the freest and most profitable light pink carnation on the market. Long, strong stems, no bursted calyx and a fine color. Just what you want in large quantity for moderate priced blooms for your every day trade.

FLAMBEAU, the warm weather scarlet. All three were awarded Certificates of Merit Nov. 15, 1904, by the State Society of Indiana Florists.

Price: $10.00 per 100; $80.00 per 1000. Get our descriptive price-list of the cream of last year's novelties as well as standard sorts.

INDIANAPOLIS, the most profitable deep pink carnation on the market, $5.00 per 100; $45.00 per 1000.

BAUR & SMITH, Indianapolis, Ind.

200,000 rooted carnation cuttings now ready.

White	100	1000	Scarlet	100	1000
Q. Louise	$1.00	$10.00	Crane	$1.00	$10.00
F. Hill	1.00	10.00	America	1.00	10.00
Gov. Wolc't	1.00	10.00	Estelle	1.40	12.50
Alba	2.00	15.00	Crimson		
W. Cloud	1.00	10.00	Harlow'den	1.40	12.50
Pink			Yellow		
Lawson	1.20	12.50	Eldorado	1.10	12.50
Marquis	1.00	10.00	G. Beauty	1.40	12.50
Enchantress	3.50	30.00	Variegated		
Joost	1.00	10.00	Prosperity	1.40	12.50
McKinley	1.40	12.50	M. Field	1.40	12.50
Mermaid	1.00	10.00	Armazindy	1.00	10.00
Cressbrook	1.00	10.00	V. Allen	1.20	11.00

Unrooted cuttings at one-half price of rooted cuttings. Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

Loomis Carnation Co., L. B. 115, Loomis, Cal.

Rooted carnation cuttings, clean and healthy.

	100	1000		100	1000
Crisis	$12.00	$100	Dorothy	$1.25	$10
Enchantress	3.00	25	Wm. Scott	1.25	10
Mrs. Lawson	2.00	15	O. Louise	1.25	10
Adonis	2.50	20	Floriana	1.25	10
H. Fenn	2.00	15	Lorna	1.25	10
Roosevelt	1.50	12	Eldorado	1.25	10
Mrs. Palmer	1.25	10	Mrs. Joost	1.25	10
The Queen	2.50	20	Flora Hill	1.25	10
Mrs. Nelson	1.50	12	Portia	1.25	10
White Clond.	1.50	12	Mrs. Patten	6.00	..
J. Hinsdale	4.00	..	Flamingo	6.00	..
L. Bountiful	5.00	..	D. Whitney	3.00	..
G. Beauty	3.00	..	Buttercup	3.00	..
Prosperity	2.00	..	Mrs. Manley	2.50	..

J. L. Dillon, Bloomsburg, Pa.

Rooted carnation cuttings.

Red.	100	1000	Pink.	100	1000
Rich. Gem.	$10.00	$75.00	Joost	$1.00	$ 9.00
Crusader	5.00	45.00	Indianapolis	5.00	45.00
Estelle	1.50	12.50	Nelson	1.50	12.50
Adonis	2.50	20.00	Lawson	1.50	12.50
White.			Light Pink.		
The Belle.	5.00	45.00	Higinb'th'm	1.00	9.00
Q. Louise.	1.00	9.00	Enchantress	3.00	25.00
L. Bount.	5.00	45.00	M. Glory	1.50	12.50
B. Market.	2.50	20.00	Phyllis	12.00	100.00
Flora Hill.	1.00	9.00	White.		
Chicago	12.00	100.00	Pern	1.00	9.00

Peter Reinberg, 51 Wabash Ave., Chicago.

Rooted carnation cuttings.

White—	100	1000	Pink—	100	1000
Queen	$2.50	$20	Enchantress	$3.00	$25
Vesper	5.00	..	Lawson	2.00	15
Q. Louise	2.00	15	Fairmaid	2.00	15
Wolcott	2.00	15	N. Fisher	6.00	..
B. Market	2.00	15	E. Ward	4.00	..
Crimson—			Variegated—		
Harlowarden	2.50	20	Mrs. Patten	6.00	..
Octoroon	4.00	..	J. Hinsdale	4.00	..
Scarlet—			Prosperity	2.00	15
Flamingo	6.00	..			

S. S. Pennock, Philadelphia, Pa.

Carnation rooted cuttings, ready now. Clean, healthy stock, well rooted.

Red	100	1000	Light pink	100	1000
Crusader	$5.00	$45.00	G. B'uty.	$12.00	$100.00
Estelle	1.50	12.50	Enc'tress	3.00	25.00
Mrs. Ine	1.50	12.50	H'inbotham	1.00	9.00
Flamingo	5.50	45.00	White		
Pink			B. Market	2.50	20.00
Lawson	1.50	12.50	Peru	1.00	9.00
Nelson	1.50	12.50	W. Cloud	1.50	12.50
G. Angel	1.00	9.00	Q. Louise	1.00	9.00
Mrs. Joost	1.25	10.00	F. Hill	1.00	9.00
G. Lord	1.25	10.00	Variegated		
N. Fisher	0.50	55.00	Patten	5.50	45.00

Geo. Reinberg, 51 Wabash Ave., Chicago.

VICTORY, to be disseminated in 1906, is a true and brilliant scarlet, has a grand stem, does not burst, is never off crop, and is the best shipper and keeper ever introduced. Price: $12.00 100; $100.00 1000; 250 at 1000 rate.

Strong rooted cuttings of the following:

	100		100
White Lawson	$6.00	N. Fisher	$6.00
Enchantress	3.00	Prosperity	3.00
The Belle	6.00	L. Bountiful	6.00
H. Fenn	2.50	Goethe	2.50
Lord	2.50	Manley	3.00
Maceo	1.50	Cervera	2.00
Lawson	2.00	Mrs. Patten	6.00

5% discount for cash with orders.

Guttman & Weber, 52 W. 29th St., N. Y.

Rooted carnation cuttings now ready.

	100	1000		100	1000
Ethel Ward	$7	$60	The President	$7	$60
White Lawson	7	60	Enchantress	4	30
Christmas Eve	4	30	Golden Eagle	5	40
Harry Fenn	3	25	Lawson	3	25
Prosperity	2	15	Mackinac	6	50
The Belle	6	50	Lady Bountiful	6	50
Judge Hinsdale	6	50	Mrs. Patten	6	50
N. Fisher	6	50	Octoroon	6	50
Flamingo	6	50			

50 of a kind at 100 rate; 250 of a kind at 1000 rate.

Cottage Gardens Co., Inc., Queens, N. Y.

Rooted carnation cuttings, ready now.

	100	1000		100	1000
W. Lawson	$5.00	$40	Enchantress	$3.00	$25
Mrs. Patten	5.00	40	L. Bountiful	5.00	40
Flamingo	5.00	40	The Queen	3.00	25
Albatross	5.00	40	B. Market	3.00	25
N. Fisher	5.00	40	Fair Maid	3.00	25
Unrooted cuttings.					
W. Lawson	$3.00	$25	M. A. Patten	$3.00	$25
Flamingo	3.00	25	N. Fisher	6.00	50
L. Bountiful	3.00	25	Crusader	3.00	25
Enchantress	2.00	15	The Queen	2.00	15
B. Market	2.00	15	Fair Maid	2.00	15

Imperial Greenhouses, Utica, N. Y.

Rooted carnation cuttings.

	100	1000		100	1000
L. Bountiful	$6.00	$50	Nelson	$3.00	$25.00
The Belle	6.00	50	H. Fenn	2.50	20.00
N. Fisher	6.00	50	G. Wolcott	2.50	20.00
Flamingo	6.00	50	Adonis	2.50	20.00
Mrs. Patten	6.00	50	Lawson	2.00	17.50
Enchantress	3.50	30	Fair Maid	2.00	17.50
Prosperity	3.00	25	W. Cloud	1.50	12.50
Manley	3.00	25	M. Glory	1.50	12.50
B. Market	3.00	25	Joost	1.25	10.00
Triumph	1.25	10			

500 at 1000 rate.

W. J. & M. S. Vesey, Fort Wayne, Ind.

RED SPORT, the new bread and butter, commercial red carnation, now in its fourth year, has the hardy constitution of Gen Maceo, with a stronger, heavier growth, longer and stiffer stem and a larger flower. It will keep longer and travel farther than any other red carnation. All our stock is sold up to Jan. 25. Orders filled in strict rotation from that date on. 12 for $1.50, 25 for $2.50, 50 for $4.00, all postpaid; $6.00 per 100, $50.00 per 1000, by express.

We guarntee all cuttings to be well rooted and to arrive in good condition.

A. B. DAVIS & SON, Purcellville, Va.

The new scarlet seedling ROBERT CRAIG, the ideal Christmas carnation. Prices: $2.50 doz., $12.00 100, $100.00 1000. 2500 lots, $95.00 1000; 5000 lots, $90.00 1000; 10,000 lots or more, $80.00 1000. First delivery, Dec. 1, 1905.

The new white seedling LIEUT. PEARY, commences blooming Oct. 15 and flowers continuously through the winter. A first-class commercial variety in every respect. Prices: $12.00 100; $100.00 1000.

Send orders early to

Cottage Gardens Co., Inc., Queens, N. Y.

Rooted carnation cuttings ready now. Fine healthy stock. Orders booked for future delivery.

	100	1000		100	1000
W. Lawson	$7.00	$60.00	Enchant'ss	$3.50	$30.00
Bountiful	6.00	50.00	Flamingo	6.00	
Mrs. Patten	6.00	50.00	B. Market	2.50	20.00
N. Fisher	7.00	60.00	The Queen	2.50	20.00
Daheim	6.00	50.00	Mrs. Lawson	2.50	20.00

List of other varieties on application.

Wood Bros., Fishkill, N. Y.

Rooted carnation cuttings from strictly first-class stock.

	100	1000		100	1000
Mrs. Patten	$6.00	$50	Queen	$2.50	$20
Flamingo	6.00	50	Fair Maid	2.50	20
Crusader	6.00	50	Harry Fenn	2.50	20
Enchantress	3.50	30	Manley	3.00	25

Express prepaid where cash accompanies the order. Satisfaction guaranteed.

GEO. E. BUXTON, Nashua, N. H.

WHITE LAWSON, which we introduced last year, has given great satisfaction and has proved to be the finest WHITE CARNATION ever sent out. Remember that we are headquarters for it. We are now booking orders for early delivery, at $7.00 100; $60.00 1000 for first-class, strong rooted cuttings.

We have all the other novelties of the season—Fiancee, Cardinal, Fred Burki, etc., also the cream of the older sorts—Mrs. Patten, Daheim, Enchantress, Flamingo, Mrs. Lawson, etc.

F. R. PIERSON CO., Tarrytown, New York.

Rooted carnation cuttings, healthy stock.

	100	1000		100	1000
N. Fisher	$5.00	$45	Mrs. Nelson	$5.00	$45
Flamingo	5.00	45	L. Bountiful	5.00	45
Mrs. Patten	5.00	45	B. Market	2.50	20
Harry Fenn	2.50	20	Queen	2.50	20
Wolcott	2.50	20	Glacier	1.00	9
Gomez	1.00	9	Floriana	1.00	9
Cervera	1.00	9			

Cash with order, please.

Hugo Book, Worcester, Mass.

ROOTED CARNATION CUTTINGS.

All orders filled in rotation.

	100		100
Mrs. Patten, var.	$6.00	Queen, white	$3.00
White Lawson	6.00	B. Market, white	3.00
Albatross, white	6.00	Queen Louise	2.00
Flamingo, scarlet	6.00	Lawson	2.00
Enchantress	3.50	Manley, scarlet	2.00
Challenger	2.00		

Write for prices on large lots; 5 per cent discount for cash with order.

James D. Cockcroft, Northport, L. I., N. Y.

Rooted carnation cuttings ready now. Fine healthy stock. Orders booked for future delivery.

	100	1000		100	1000
W. Lawson	$7.00	$60.00	Enchant'ss	$3.50	$30.00
Bountiful	6.00	50.00	Flamingo	6.00	
Mrs. Patten	6.00	50.00	B. Market	2.50	20.00
N. Fisher	7.00	60.00	The Queen	2.50	20.00
Daheim	6.00	50.00	Mrs. Lawson	2.50	20.00

List of other varieties on application.

Wood Bros., Fishkill, N. Y.

Strong, well-rooted carnation cuttings.

	1000		1000
Enchantress	$30.00	Flamingo	$50.00
Adonis	25.00	Lord	10.00
Angel	10.00	Estelle	15.00
Lawson	10.00	Mrs. Patten	40.00
Gov. Wolcott	10.00	Bradt	10.00
Flora Hill	10.00	Peru	10.00
B. Market	20.00	Q. Louise	8.00

Cash or C. O. D.

Sol. Garland, Des Plaines, Ill.

Rooted carnation cuttings.

RED LAWSON, sport from Mrs. Lawson, identical in every way except in color, which is a bright red. $10.00 per 100; $75.00 per 1000.

	100	1000		100	1000
Queen	$2.00	$15.00	Fairmaid	$1.50	$12.50
Mrs. Lawson	1.50	12.50	B. Market	1.50	12.50
Wh. Lawson	5.00		O. Louise	1.25	9.00

250 at 1000 rate.

Quidnick Greenhouses, J. H. Anthony, Prop., Anthony, P. O., R. I.

Carnation cuttings, strong and well-rooted.

White.	100	1000	Pink.	100	1000
Queen	$2.50	$20	N. Fisher	$6.00	..
Queen Louise	2.00	15	Ethel Ward	4.00	..
B. Market	2.00	15	Enchantress	3.00	25
Variegated.			Lawson	2.00	15
J. Hinsdale	4.00	..	Fair Maid	2.00	15
Prosperity	2.00	15			
Crimson.					
Harlowarden	2.50	20			

S. J. Reuter, Westerly, R. I.

Carnation cuttings.

	100	1000		100	1000
Queen Louise	$2.00	$15	Harry Fenn	$2.50	$20
F. Joost	2.00	15	Harlowarden	2.50	20
Challenger	2.00	15	Prosperity	2.50	20
The Queen	2.50	20	Fair Maid	2.50	20
B. Market	2.50	20	Enchantress	3.50	30
Mrs. Lawson	2.50	20	Mrs. Patten	5.00	45

Jas. E. Beach, 2019 Park Ave., Bridgeport, Conn.

Rooted cuttings now ready. Per 100:

Gov. Wolcott	$2.00	Crusader	$4.00
White Cloud	2.00	Crane	2.00
Norway	2.00	America	2.00
Mrs. Lawson	2.00	Estelle	2.00
Morning Glory	2.00	Gaiety	2.00
Joost	2.00	Prosperity	2.00
Enchantress	3.00	Flamingo	5.00

Bassett & Washburn, 76 Wabash Ave., Chicago.

ROOTED CARNATION CUTTINGS.

	100	1000		100	1000
Lawson	$1.50	$12.50	G. Angel	$1.00	$ 9.00
Enchant	3.00	25.00	M. Glory	1.50	12.50
Higinb'th'm	1.25	10.00	Estelle	1.50	12.50
Chicago	2.00	15.00	Adonis	2.50	20.00
Flora Hill	1.00	9.00	W. Clond	1.25	10.00
Her Majesty	1.50	12.50	Harlowar'n	1.50	12.50

Wietor Bros., 51 Wabash Ave., Chicago.

Unrooted cuttings of Enchantress, the best light pink and The Queen, the only white, carefully packed, at $1.50 100; $12.50 1000. Rooted cuttings, double.

Henry Eichholz, Waynesboro, Pa.

Rooted carnation cuttings, clean stock.

Boston Market $2.00 100, $18.00 1000

Unrooted cuttings at half price.

Enchantress and Harry Fenn ..... $3.00 per 100

F. H. Pasell & Son, New Bedford, Mass.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

CARNATIONS—Continued.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress.	$3.50	$30	Fairmaid	$2.50	$20
Queen	3.00	25	Q. Louise	2.00	15
Lawson	2.50	20	Cressbrook	2.00	15
Challenger	2.00	15	Maceo	2.00	15
H. Fenn	3.00	25	Prosperity	2.50	20
G. M. Bradt.	3.00	25	Fiancee	12.00	100

C. Warburton, Fall River, Mass.

Carnation cuttings, well-rooted, from selected stock.

	100	1000		100	1000
Nelson Fisher.	$7.00	$60	Enchantress	$4.00	$30
Mrs. Patten	6.00	50	H. Fenn	3.00	25
Flamingo	6.00	50	Manley	3.00	25
Crusader	6.00	50	Fair Maid	2.50	20
D. Whitney	5.00	40	Queen	3.00	25

Backer & Co., Billerica, Mass.

Rooted carnation cuttings. Our stock is first class, true to name and will be ready for delivery March 1.

	100	1000		100	1000
Lawson	$2.50	$20	H. Fenn	$2.50	$20
Q. Louise	2.00	15	Mrs. Roosev't.	2.50	20
Alpine Glow.	2.00	15	Manley	2.50	20

H. Eitzholtz, Cedarhurst, L. I., N. Y.

Carnations. We can give early delivery on the following novelties for 1905: Fiancee, Chicago White, Fred Burki, Phyllis, The Cardinal, and Eclipse at $2.50 doz.; $12.00 100. Richmond Gem, Red Lawson, and Wm. Penn, $2.00 doz.; $10.00 100.

Nathan Smith & Son, Adrian, Mich.

Rooted carnation cuttings, fine healthy stock.

	100	1000		100	1000
Enchantress	$3.50	$30	Wolcott	$2.00	$15.00
Queen	2.50	20	Floriana	1.50	12.50
Lawson	2.00	15	Lord	1.25	10.00
Q. Louise	2.00	15	Fiancee	12.00	100.00

Robt. C. Pye, Nyack, N. Y.

Rooted carnation cuttings. Per 100:

Red Lawson	$8 00	Flora Hill	$1.25
Mrs. Lawson	1.25	Queen Louise	1.25
Enchantress	2.50	Marquis	1.25
Nelson	1.50	Joost	1.00

Cash with order or C. O. D.

F. G. Lewis, 519 Locust St., Lockport, N. Y.

Surplus stock of fine carnations, such as Joost, Floriana, Dorothy, Glacier, Flora Hill, Queen Louise, Lillian Pond, Roosevelt, at $5.00 per 100, or will exchange for Princess of Wales violets.

Chas. Zimmer, West Collingswood, N. J., near Philadelphia.

Rooted carnation cuttings. Per 1000:

Crusader	$45.00	Lawson	$10.00
Enchantress	30.00	Lord	10.00
B. Market	20.00	Hill	10.00
Estelle	20.00	Scott	10.00
Nelson	20.00		

Des Plaines Floral Co., Des Plaines, Ill.

Our specialty, in carnations, is UNROOTED CUTTINGS. We have the best varieties for business. Fair Maid, Mrs. Thos. W. Lawson, Boston Market, Queen, $10.00 per 1000; 250 or more at 1000 rate. Flamingo and Crusader, $2.00 per 100. Careful packing and prompt shipment. Cash, please.

STEPHEN CHASE, Nashua, N. H.

Rooted carnation cuttings. Per 100:

Enchantress	$3.50	Lawson	$2.00
Harlowarden	2.00	B. Market	1.50
Wolcott	1.50	Q. Louise	1.00
Hill	1.00	Morning Glory	1.00
America	1.00	Joost	1.00

Money refunded if not satisfactory.

A. A. Gannett, Geneva, N. Y.

Rooted carnation cuttings, nice, clean stock. Enchantress, Nelson Fisher, M. A. Patten, Gov. Wolcott, Boston Market, White Cloud and Joost; also unrooted cuttings of last two varieties. Prices on application.

C. G. Velie & Son, Marlborough, N. Y.

Rooted carnation cuttings, clean and healthy.

Mrs. M. A. Patten.	$6	Enchantress	$3
Nelson Fisher	7	Wolcott	2
Boston Market	2	J. H. Manley	2
Maceo	2		

Sidney Littlefield, North Abington, Mass.

FRED BURKI is the ideal commercial white carnation. You will make no mistake by growing it. Price: $12.00 100, $100.00 1000; 250 at 1000 rate. Address S. S. Skidelsky, 824 No. 24th St., Philadelphia, Pa., or

John Murchie, Sharon, Pa.

Rooted carnation cuttings that will give you satisfaction. Per 1000:

Lawson	$12.50	Prosperity	$12.50
Flora Hill	10.00	Queen Louise	10.00
White Cloud	10.00	Joost	10.00
Marquis	10.00		

W. C. Hill Floral Co., Streator, Ill.

Rooted carnation cuttings. Per 100:

Mrs. M. A. Patten.	$5.00	D. Whitney	$4.00
Enchantress	4.00	White Cloud	1.50
Joost	1.50	Morning Glory	1.50
Gov. Wolcott	1.50	Queen Louise	1.50

Special price on large lots.

J. F. Ammann, Edwardsville, Ill.

The JOHN E. HAINES which is positively the best SCARLET carnation out will be disseminated in 1906. Write me for full particulars.

John E. Haines, Bethlehem, Pa.

Rooted carnation cuttings; fine healthy stock now ready. Lawson, $2.50 100; $20.00 1000. Enchantress, $3.00 100. J. H. Manley, $3.00 100. Queen Louise, $2.00 100. Gov. Roosevelt, $3.00 100. Cash with order.

JOSEPH TOWELL, Paterson, N. J.

Rooted carnation cuttings.

	100	1000		100	1000
W. Lawson.	$6.00	$50	Flamingo	$6.00	$50
Enchantress.	3.50	30	The Queen.	2.50	20

The Cardinal, from 2-in. pots, $12.00 per 100.

Larchmont Nurseries, Larchmont, N. Y.

Rooted carnation cuttings.

	100	1000		100	1000
Nelson Fisher.	$7	$60	L. Bountiful	$6	$50
Mrs. Patten	6	50	Flamingo	6	50
White Lawson.	6	50	Enchantress	4	30

Peter Fisher, Ellis, Mass.

Rooted cuttings, per 100: Flamingo and Indianapolis, $5.00; Crusader, $6.00; Fairmaid, $1.75; B. Market, $2.00; Queen, $2.50; Enchantress, $3.00; Lawson, $1.35. B. Market and Fairmaid, unrooted, $1.00; for other varieties, write Otto Bourdy, Lowell, Mass.

STRONG ROOTED CUTTINGS. Per 1000:

Guardian Angel	$ 9.00	Mrs. Nelson	$12.00
Hill	9.00	Boston Market	15.00
Enchantress	25.00	Morning Glory	12.00

A. L. RANDALL CO., 19-21 Randolph St., Chicago.

75,000 rooted carnation cuttings for January and February delivery: Flora Hill, Mrs. McGowan, Joost, Queen Louise, Elbon, a fine red. All at $10.00 1000. Cash with order, please.

J. H. A. Hutchison, Oxford, Pa.

PALMER'S RED LAWSON, sport from the famous Mrs. Thos. Lawson. Planted May 18, in full crop middle of August. Rooted cuttings, $10.00 100; $40.00 500; $75.00 1000.

W. J. Palmer & Son, Lancaster, N. Y.

Unrooted carnation cuttings from clean, healthy stock. Crane, Q. Louise, Flora Hill, Alba, Peru, and Morning Glory, 75c 100. Harlowarden, and Wolcott, $1.00 100.

Batavia Greenhouses, Batavia, Ill.

Carnation cuttings, well-rooted and from selected stock.

	100	1000		100	1000
Enchantress	$3.50	$30	The Queen	$2.50	$20
Fairmaid	2.00	18	Cash or C. O. D.		

John W. Foote, Malden, Mass.

Rooted carnation cuttings, per 100: Flamingo, $5.00; Enchantress, $3.00; Boston Market, $2.00; Lawson, $1.00. Cash with order, please.

Chas. Wiffin, Des Plaines, Ill.

MY MARYLAND, the largest, most productive, most profitable white carnation yet raised will be disseminated in 1906. Write us about it.

H. Weber & Sons, Oakland, Md.

Carnation WM. PENN, a new pink well worth a trial by every grower of carnations. Send for descriptive list now.

Albert M. Herr, Lancaster, Pa.

Orders for CRISIS are still being booked. It is THE commercial carnation. Price: $12.00 100; $100.00 1000.

Davis Bros. Co., Bloomsburg, Pa.

Rooted carnation cuttings now ready. Send for price list of all the new and standard varieties.

Wm. Swayne, Box 226, Kennett Square, Pa.

Carnations, Flora Hill and Joost, 2-in. pots, $1.25 100.

H. Rossiter, 200 Lexington Ave., Jersey City, N. J.

Patten & Co.,
Carnation Specialists.
Novelties and Standard Varieties.
Tewksbury, Mass.

Unrooted carnation cuttings of Lawson, 75c 100; Crane, America and F. Hill, 50c per 100. Samuel Whitton, 15-17 Gray Ave., Utica, N. Y.

300 Flamingo, 300 Lady Bountiful, 500 Indianapolis, $5.00 per 100, or will exchange for Nelson Fisher. Furrow Bros., Guthrie, Okla.

Unrooted pips. Flora Hill, Maceo, Freedom, Marquis and Mrs. Jas. Dean, 50c 100; prepaid.

Hopkins & Hopkins, Chepachet, R. I.

Unrooted carnation pips of Hill, Joost, Pern, Melba, Crocker and G. Lord, 50c per 100. Cash.

John J. Heibeck, Atglen, Pa.

Rooted carnation cuttings of Lawson, $2.00 per 100; Lorna, Harlowarden, $1.50 per 100.

Alameda Greenhouse, Roswell, N. Mex.

Our rooted carnation cuttings are now ready. Write me for list and prices.

Geo. A. Kuhl, Pekin, Ill.

Field-grown carnation plants, Joost, Freedom and Good Enough, $4.00 100.

Converse Greenhouses, Webster, Mass.

Rooted cuttings of Mrs. Fisher carnations, $1.25 100, $10.00 1000.

Michel Plant and Bulb Co., St. Louis, Mo.

Rooted carnation cuttings. Write for prices.

The Philippi Nurseries, Rocklin, Cal.

Carnations, Ethel Crocker, 2-in., $2.00 100.

Paul O. Taner, Lebanon, Ind.

BUSINESS BRINGERS—
REVIEW Classified Advs.

CHRYSANTHEMUMS.

Chrysanthemum stock plants.

	Each	12		Each	12
Dr. Enguehard	35c	$3	Rockford	25c	$3
W. Mrs. Tranter.	35c	3	Uncle John	35c	3
American Beauty.	35c	3	Mrs. Probin	35c	
S. J. Wright	50c	5	Mrs. Newell	35c	

Pacific, Polly Rose, Willow Brook, Ivory, Mrs. J. Jones, 10c ea.; $6.00 100. Orizaba, Halliday, Monrovia, Merry Xmas, Liger, H. Sinclair, 10c ea.; $7.00 100.

H. Weber & Sons, Oakland, Md.

Rooted cuttings now ready of the 5 best commercial varieties—Dr. Enguehard, $8.00 per 100; Wm. Duckham, $5.00; Alice Byron, Mrs. Coombes, and Monrovia, $2.00. Strong, healthy and finely rooted. Write for prices on larger lots and other varieties. Cash with order.

Gunnar Teilmann, Marion, Ind.

Chrysanthemums. Pompons are and will be in heavy demand. Have received first prize on our collection wherever shown. A large quantity of the best commercial varieties in pots and in sand. From sand, $2.00 100; from 2¼-in. pots, $3.00 100.

Nathan Smith & Son, Adrian, Mich.

Chrysanthemums. Strong stock plants of Dr. Enguehard, $1.00 per doz. Silver Wedding, Col. D. Appleton, Mrs. Jerome Jones, Columbia, Grates, W. K. Rieman, Helen Bloodgood, Marie Liger, White Bonnaffon, Mrs. S. J. Tranter, 75c per doz.

C. W. Reimers, Hite Ave., Louisville, Ky.

Chrysanthemum novelties. We are headquarters for the best new varieties. Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Mileham, Lady Cranston, A. J. Miller, Mrs. D. V. West, etc. Complete list now ready. Send for copy. Chas. H. Totty, Madison, N. J.

Among the new varieties which we had on trial for this year are some magnificent sorts, 9 of which have been awarded certificates. Send for our trade list which gives varieties, prices and full description of each.

E. G. HILL CO., Richmond, Ind.

Chrysanthemum rooted cuttings now ready. Wm. Duckham, Ben Wells, F. A. Cobbold, Leila Filkins, $3.00 100. Dr. Enguehard, $4.00 100. Mrs. Thirkell, $2.00 100. Send for list. No order filled for less than $1.00.

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Having secured the Japanese exhibit of pompon chrysanthemums at the World's Fair, we offer rooted cuttings of the same at $3.00 100. Cash with order.

Bentzen Floral Co., 4025 Marcus Ave., St. Louis, Mo.

Chrysanthemums Wm. Duckham, A. J. Balfour; Alice Byron, white; Yellow Eaton, Appleton, Omega and Marion Newell, large, good, healthy clumps. Write for prices.

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Rooted cuttings of early chrysanthemums, Opah, Mme. Bergman, Willowbrook, and October Sunshine. Write for prices.

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Chrysanthemums. Strong rooted cuttings and plants. Leading standard varieties. Write for list of varieties and prices.

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Hardy chrysanthemums, small flowering varieties, 2¼-in. pots, $2.00 100; large flowering, 2¼-in. pots, $3.00 100.

R. Vincent, Jr. & Son, White Marsh, Md.

About 400 extra fine, strong Wm. Duckham stock plants, $1.00 per doz.

Highland Park Greenhouses, Highland Park, Ill.

See our large adv. about the new chrysanthemum in this issue.

Ellsworth Florist, Grand Island, Neb.

CINERARIAS.

Hybrid cinerarias, Michell's best strain, 3-in., $6.00; 4-in., $8.00 per 100.

Godfrey Aschmann, 1012 Ontario St., Phila.

Cinerarias, in bud and bloom, 4-in., 10c; 5-in., 15c. Fine.

Hammerschmidt & Clark, Medina, O.

Cinerarias, choice strain, ready for 5-in. pots, 4c to 5c. Levant Cole, Battle Creek, Mich.

COLEUS.

Rooted cuttings of Verschaffeltii, Golden Bedder, Lord Palmerston, Fire Brand, Beckwith's Gem, Queen Victoria and Fancies, 60c 100; $5.00 1000. Golden Bedder (original) and Hero, 75c 100; $6.00 1000. Ten per cent discount on orders of 10,000 or more.

Frank A. Pierson, Cromwell, Conn.

Coleus, clean, strong, well-rooted cuttings. Golden Bedder, Crimson Verschaffeltii, Hero, Firebrand, Rainbow, and others, 60c per 100; $5.00 per 1000. Cash with order, please.

Hugo Book, Worcester, Mass.

Coleus, 12 best varieties, 2-in., full of cuttings, $2.00 100. A. J. Baldwin, Newark, Ohio.

Coleus rooted cuttings, 60c per 100, $5.00 per 1000; 2-in., $2.00 100, $15.00 1000. Golden Bedder, Verschaffeltii and other varieties.
E. B. Randolph, Delavan, Ill.

Coleus rooted cuttings, 40 var., 70c 100; $6.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Coleus rooted cuttings, 30 named varieties, 70c 100; $6.00 1000. Prepaid.
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Coleus, 2¼in., $2.00 100. Cash with order.
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Cuphea (cigar plant), rooted cuttings, $1.25
Cuphea platycentra, rooted cuttings, 50c 100, $5.00 1000.
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Cuphea (cigar plant), rooted cuttings, $1.25 100; $10.00 1000. Prepaid.
C. Humfeld, Clay Center, Kan.

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Cyclamen persicum splendens, best Hamburg strain, in 5 colors; strong 3½ and 4-in., in bud and bloom, $12.00 and $18.00 per 100. Cash with order, please. H. Book, Worcester, Mass

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Paul Mader, East Stroudsburg, Pa.

Cyclamen giganteum, Sept. sown, in 3 separate colors, $3.50 per 100; mixed, $2.50 per 100.
A. E. Wohlert, Bala, Phila., Pa.

Cyclamen giganteum, 3-in., fine plants, $7.00 100. Cash, please. Fred Grohe, Santa Rosa, Cal.

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Twelve seedling CACTUS dahlias, all 1903 sorts, and certificated by the Dahlia societies in England, $2.50 postpaid.

1904 seedling CACTUS dahlias. A rare opportunity; only a few to offer at $1.25 each, postpaid, in quantities of not less than 4 sorts, or 1 of each (there are 16 of them) for $16.00, postpaid.

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Dahlias. Nymphaea, Livoni, Snowclad, Storm King, Strahlen Krone, and new cactus sorts, mixed, $3.00 per 100, $25.00 per 1000. Strong field roots. Cash.
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Daisies, $1.00 per 100.
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ALASKA, CALIFORNIA, WESTRALIA, $3.00 doz.; $15.00 100. Having obtained my stock from Mr. Burbank, it is warranted to be pure and true to name. Postal for circular. Shasta daisy "Shasta," strong field plants, $3.00 100. Small plants, one-third less. Prepaid. Cash, please. Fred Grohe, Santa Rosa, Cal.

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Easter plants. There is yet time, if you order at once. Per 100:

Spiraea Japonica	$ 4.00
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Peonies, rare Japanese herbaceous, $4.50 doz.; $35.00 100. Tree sorts for Easter forcing, 50c each; $5.00 doz.; $40.00 100. Japanese hydrangeas, bright blue, rose, 40c each, $4.50 doz. Hydrangea rosea, beautiful novelty, $1.00 each; $10.00 doz. Fancy caladiums, brilliant coloring, all named sorts, $1.25 doz., $8.00 100.
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Best German forcing valley pips and forcing lilacs; spiraea clumps in sorts; selected longiflorum bulbs; Crimson Ramblers, azaleas, and other Easter forcing plants and bulbs imported to order for fall delivery.
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Echeveria secunda glauca, 1st size, $5.00 100; 2d size, $3.00 100.
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Cibotium Schiedei, the most magnificent tree fern in cultivation, extra large specimens, 12-in. pots, $15.00 each, $25.00 pair; 10-in. pots, $5.00 each, $9.50 pair; 8-in. pots, $2.75 each, $32.00 doz; 7-in. pots, $1.75 each, $20.00 doz. Assorted ferns, 4-in., suitable for large jardinieres and basket work, in 10 good varieties, $15.00 100; fine bushy stock from 2¼-in. pots, in all the best varieties, $3.00 100, $25.00 1000, 500 at 1000 rate.
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Cyrtomium falcatum, the holly fern, fine, bushy plants in 2¾-inch pots, 3½ cts. Boston ferns, strong 5-inch plants, 20 and 25 cts. Nephrolepis Anna Foster, large plants, 4-inch, 12 cts. Cash please.
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Boston and Pierson ferns. To make room quick—2½-in., 3c; 3-in., 5c; 4-in., 8c; 5-in., 20c; 6-in., 25c. A few 7-in., 50c.
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Boston ferns, from bench, ready for 4 in., $8.00 100; ready for 5 and 6-in., $15.00 100; 2½-in., $3.00 100. Cash.
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Boston ferns, extra fine stock cut from bench for 5, 6, 7, 8-inch pots, at $25.00, $50.00, $75.00, $100.00 per 100.
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We are headquarters for Boston and Pierson ferns. The stock is fine and thrifty. Write
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Rooted cuttings of Little Gem feverfew, $1.00 per 100, by mail.
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Fuchsias Black Prince and Minnesota, 2¼-in., 50c doz., $2.00 100.
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Fuchsia Little Beauty, 2-in., $3.00 100. Cash.
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Cape Jessamines, Gardenia Florida, strong and stocky, 3 to 6-in., $2.00 100; $18.00 1000; 6 to 8-in., $3.00 100; $25.00 1000. Field-grown plants, 12 to 18-in., $10.00 100.
John Monkhouse, Jewella, La.

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Doubles—Bruantl, Centaure, Comtesse de Harcourt, Double Gen. Grant, Gloire de France, Jean Viaud, La Favorite, Le Cid, Mme. Canovas, Mme. Charotte, Mme. Jaulin, Mme. Landry, Miss Kendell, Miss Frances Perkins.

Singles—Granville, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Single Gen. Grant.

Good, strong, healthy plants from 2¼-in. pots, 40c per doz., $2.00 per 100, $17.50 per 1000, provided that not less than 200 of any one variety are ordered.
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Geranium rooted cuttings, all good bedders. Chautemarle, new single salmon; L. Francais, new double salmon, $1.50 per 100; $12.00 per 1000. Heteranthe, Canovas, Bellerophon, Mme. Landry, Noizet, J. Madeline, La Fraicheur, Lemaitre, Champ de Niege (double white), Viaud, $1.25 per 100; $10.00 per 1000. Cash.
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Rooted cuttings of the famous A. H. Trego geranium for $3.50 per 100. This is by far the best scarlet geranium ever sent out. Every cutting guaranteed or money refunded. Strong 2½-in. plants, $5.00 per 100.
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Well rooted geranium cuttings ready for shipment. S. A. Nutt, Grant, Bruanti, Buchner, Favorite, Montmort, Perkins, $10.00 per 1000. Viaud, Soleil, Gervais, $12.00 per 1000. Cash with order. Peter Brown, Lancaster, Pa.

Geraniums. 1000 Mme. Salleroi, 2-in. pots, $2.00 100.
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J. Ambacher, West End, N. J.

Geraniums, 2½-in. pots. S. A. Nutt, La Favorite, single and double Grant, Thibaut, $2.50 per 100, $20.00 per 1000; Mme. Salleroi, $1.75 per 100, $15.00 per 1000.
H. Book, Worcester, Mass.

Geranium PETER HENDERSON, a very much improved double Grant, should be in every grower's collection.
Strong rooted cuttings delivered free at 50c per doz. Albert M. Herr, Lancaster, Pa.

Our selection of finest geraniums, 2-in., all labeled, buyer to name colors wanted, $20.00 1000. Our assortment is the finest in the country. E. G. Hill Co., Richmond, Ind.

600 Ricard and 600 Heteranthe geraniums, out of bench, full of cuttings, ready for 4 and 5-in. pots, $5.00 per 100. Or will exchange.
Gloede, Evanston, Ill.

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The W. T. Buckley Co., Springfield, Ill.

Rooted geranium cuttings, Mrs. E. G. Hill, Ricard, Single Salmon, Double White and Rose, $1.25 100. E. B. Randolph, Delavan, Ill.

Geranium rooted cuttings, $1.50 per 100; also stock plants. Rooted cuttings of other bedding plants. Levant Cole, Battle Creek, Mich.

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Geraniums, 10 varieties, 2 and 2½-in. pots, $2.50 100. Cash.
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Gladioli. Highest quality grown in the world. Groff's hybrids and other sorts the best obtainable. See display adv. in this issue.
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150,000 gladiolus bulbs, good stock, ¾ to 1½-in.; also choice gladiolus seed. Write for low prices. S. Huth, Cuyahoga Falls, Ohio.

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Our gladiolus bulbs are good. Try them.
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Finest stock of hardy forest rhododendrons in the U. S., especially suited for planting on fancy lawns and on large estates. Large orders solicited. Also 200,000 extra fine apple, plum, pear, peach, cherry and quince trees at reasonable prices. We also have a full line of small fruits.
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Fruit trees, small fruits, ornamental trees, evergreens and shrubs, shade trees, hardy plants, climbers, etc. We have the most complete collections in the country. Illustrated descriptive catalogue free.
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Trees and shrubs, fine varieties, low prices. Send for catalogue.
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German Iris, white, yellow, blue, $2.00 per 100; dwarf blue, $1.00 per 100; Hemerocallis fulva, Pardanthus sinensis, $2.00 per 100.
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Hardy phlox, 10 named varieties, 2¼-in. pots, $3.00 100.
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For your trees, shrubs, vines and small fruits send to WM. H. MOON CO., Morrisville, Pa.

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Heliotropes, dark; rooted cuttings, $1.00 per 100; $8.00 per 1000. Cash with order, please.
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Heliotropes, rooted cuttings, 10 best varieties, $1.00 100; $8.00 1000. Prepaid.
C. Humfeld, Clay Center, Kan.

Heliotrope rooted cuttings, 12 var., $1.00 100, $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Heliotrope Chieftain, a fine variety, 2¼-in., 40c doz., $2.00 100, $17.50 1000.
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Heliotropes, light and dark, rooted cuttings, $1.00 100. Cash, please.
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Heliotropes, 2¼-in., fine stock, $2.00 per 100. Cash. W. H. Parsil, Summit, N. Y.

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Hibiscus, 3 varieties, $3.00 100.
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Hollyhocks. Large field-grown plants, $3.00 per 100. Double varieties in red, white, pink, yellow and maroon; also the Allegheny strain in mixture at same price. Catalogue of peonies, hardy plants, gladioli and dahlias now ready.
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Hollyhock seeds, single, mixed, 65c per oz. 1904. Allegheny strain, mixed, 85c per oz.
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Hollyhocks, dbl. white, mixed, 3-in., $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

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English ivy, rooted cuttings, $1.25 100, $10.00 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Hardy English ivy, $2.00 100, $15.00 1000.
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Lantanas. Le Poitevine, Argus, Ultimo, Craigi and delicatissima, rooted cuttings, $1.00 100, $7.50 1000.
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Lantanas, 10 varieties, 2¼-in., $2.00 100, $17.50 1000.
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Lemons. Ponderosa or American Wonder, nice 2-in. plants, $3.00 per 100; strong 4-in., $18.00. Iowa Seed Co., Des Moines, Iowa.

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Lilacs, forcing variety, $45.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

For lilacs for forcing, write
Rolker & Sons, 31 Barclay St., N. Y.

LILY OF THE VALLEY.

Bruns' extra fine Berlin pips, for early forcing, $1.25 100; $12.00 1000; $29.00 per case of 2500.
Finest cut valley always on hand, at Chicago market price.
H. N. Bruns, 1409 W. Madison St., Chicago.

High-grade forcing Lily of the Valley pips, from cold storage, $12.00 per 1000; per case 2000, $23.00. High-grade 3-yr.-old. Berlin cold storage pips, $12.00 1000; per case 2000, $23.00.
Johnson & Stokes, 217-219 Market St., Phila.

Lily of the valley pips. Fine stock in excellent condition, $24.00 per case of 3000; 2 or more cases, $7.50 per 1000.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Russian lily of the valley, the best for early or late forcing, $15.00 per 1000, $32.50 per 2500; $125.00 per 10,000.
Stumpp & Walter Co., 50 Barclay St., N. Y.

Empress brand of lily of the valley, $14.00 1000; $30.00 for case 2500.
H. H. Berger & Co., 47 Barclay St., N. Y.

We are headquarters for lily of the valley pips. Write us.
Johnson & Stokes, 217-219 Market St., Phila.

Best German valley pips for forcing.
A. Rolker & Sons, 31 Barclay St., N. Y.

LOBELIAS.

Lobelias, Crystal Palace, dwarf, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

MEXICAN PLANTS--SEEDS

MEXICAN PLANTS and SEEDS.
We have the largest and finest stock in Mexico of ORCHIDS, CACTI, AGAVES, ETC.
We have just published our illustrated and descriptive cultural catalogue for Orchids and Cacti. Send 10 cents in postage stamps for it. Price list free.
J. BALME & CO., 2nd Plateros St., No. 5.
P. O. Box 628. MEXICO CITY.

MOONVINES.

Moon vines, white and blue, 50c doz., $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

Moon vines, 2½-in., $3.00 per 100.
E. G. Bunyar, Independence, Mo.

MUSHROOM SPAWN.

DEPENDABLE MUSHROOM SPAWN
From the most reliable English makers.
Fresh importation just received.
10 lbs., 80c; 25 lbs., $1.50; 100 lbs., $6.00.
Special prices in quantity.
JOHNSON & STOKES, 217-219 Market St., Philadelphia, Pa.

Mushroom spawn. Frequent importations from England. Always fresh and lively.
J. J. Styer, Concordville, Pa.

We are headquarters for mushroom spawn. Johnson & Stokes, 217-219 Market St., Phila.

NASTURTIUMS.

Double, bright yellow and bright crimson, ever-blooming, trailing, for hanging baskets, vases, window boxes. Either color, 15c each, $1.50 doz., $9.00 100, express prepaid.
Nilreb Greenhouses, Berlin, N. Y.

Nasturtiums, double yellow; rooted cuttings, $1.00 100, $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

ORANGE TREES.

Orange trees. Write for prices.
The Philippi Nurseries, Rocklin, Cal.

ORCHIDS.

We have always on hand a stock of established and semi-established orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

If you want fine ORCHIDS see our adv., under heading Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

PALMS, ETC.

Latania borbonica. We have 10,000 strong, thrifty plants in 2½ and 3-in. pots (some of which are showing character leaves), ready for immediate shift. We offer them, while they last, at $5.00 100; $45.00 1000.
Dingee & Conard Co., West Grove, Pa.

Latania borbonica, 6-in., 60c each. Kentia Belmoreana, 4-in., 35c each. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Latania borbonica, 5-in., 25c; 6-in., 45c; 7-in., 75c. Kentia Belmoreana, 4-in., 25c; made-up, 7-in., $1.50 each.
Jacob Russler, Avon Ave., Morgan Park, Ill.

Chamerops excelsa palm, strong 2-in., $4.00 per 100 by mail.
Golden State Plant and Floral Co., Santa Monica, Cal.

Kentia Belmoreana, from 50c to $5.00 each.
Wm. A. Bock, No. Cambridge, Mass.

Philadelphia-grown palms. Write
Joseph Heacock, Wyncote, Pa.

Kentia palms. Large assortment.
L. H. Foster, Dorchester, Mass.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

PANSY PLANTS.

Pansies for the Southern States; partly in bud and bloom, strong transplanted, in my Florists' International No. 1 mixture; cannot be beaten for outdoor or forcing purposes; packed safely for long distances. Exp., $15.00 per 1000; mailed, $2.00 per 100. Cash.
Ludwig Mosbaek, Onarga, Ill.

Giant pansies, to please your trade, $2.00 per 1000. Cash. Safely packed for southern trade. Extras. Byer Floral Co., Shippensburg, Pa.

Giant pansies. Strong plants, early fall sown, in 6 distinct colors or mixed, 50c per 100; $3.00 per 1000. F. A. Baller, Bloomington, Ill.

Pansies. Roemer's Giants, transplanted, in bud and bloom, $1.25 per 100; $10.00 per 1000. S. T. Danley, Macomb, Ill.

25,000 extra fine pansy plants, $3.00 per 1000. Parkside Greenhouses, 746 E. 70th St., Chicago.

Pansies. Mme. Perrett and from our own famous strain, $2.50 per 1000, $10.00 per 5000.
J. C. Schmidt Co., Bristol, Pa.

Pansy plants, large flowering, 60c 100, $2.50 1000. Cash.
Jos. H. Cunningham, Delaware, Ohio.

100,000 pansy plants at $10.00 per 1000.
Loomis Carnation Co., L. B. 115, Loomis, Cal.

PELARGONIUMS.

Pelargonium rooted cuttings, 15 var., $2.25 100. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Pelargoniums, mixed, 2-in. pots, $2.50 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

PERISTROPHES.

Peristrophe angustifolia, rooted cuttings, $1.00 100, $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

PETUNIAS.

Dreer's superb double petunias. For nearly 50 years we have made a specialty of double petunias, and our strain is accepted as second to none either here or in Europe. We offer 15 distinct varieties in 2¼-in. pots at 60c doz., $4.00 100, the set of 15 for 75c; 3-in. pots, 75c doz., $6.00 100, the set of 15 for $1.00.
H. A. Dreer, Philadelphia, Pa.

Petunias, rooted cuttings; single, from California Giants, one of the finest collections in California, flowers from 4 to 6 inches across; double, from Dreer's and Henderson's sets, $1.25 100. Cash, please.
Fred Grohe, Santa Rosa, Cal.

Petunias, strong thrifty plants, 2¼-in. pots, in four of the best, distinct varieties—white, variegated, light and dark blue, $2.50 100.
Nathan Smith & Son, Adrian, Mich.

Our double white petunia, Kansas, is the great petunia for cut flowers, $1.25 100, $10.00 1000. C. Humfeld, Clay Center, Kan.

Double petunias, rooted cuttings, very fine varieties, $1.50 100. 5% discount for cash with order. D. U. Augspurger & Sons, Peoria, Ill.

Petunias, double, mixed, 2¼-in. pots, $2.50 100; 5 named varieties, 2¼-in. pots, $3.00 100:
R. Vincent, Jr. & Son, White Marsh, Md.

Petunia rooted cuttings, 20 var., $1.25 100, $10.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Petunias, double, rooted cuttings, 10 best, $1.00 per 100, prepaid. Cash.
Byer Bros., Chambersburg, Pa.

Petunias, dbl. fringed, 6 distinct novelties, $1.25 100; $10.00 1000.
The W. T. Buckley Co., Springfield, Ill.

Double petunias, 2¼-in., $2.50 per 100.
Rhoten Bros. & Co., Bx. 5, Danville, Ill.

POINSETTIAS.

Poinsettias, strong stock plants, 1 and 2 years old, $6.00 per 100, $50.00 per 1000; also 2¼-in. pot plants, double and branching, prices given on application.
C. W. Reimers, Hite Ave., Louisville, Ky.

Poinsettias. We have 2000 strong, healthy, dormant stock plants, one year old, at $6.00 per 100; $50.00 per 1000.
Chas. Frueh & Sons, 1116 Hoyt Ave., Saginaw, Mich.

POT-GROWN SHRUBS.

Pot-grown shrubs for forcing. We have a full line of handsome, bushy, well-budded, and well-grown plants that will prove a profitable investment for anyone. See our display adv. in issue of Jan. 5 for list of plants and prices.
Bobbink & Atkins, Rutherford, N. J.

PRIMULAS.

New primrose BUTTERCUP, primula floribunda, fine plants out of 2½-in. pots, $10.00 per 100.
Chas. Zimmer, West Collingwood, N. J., near Philadelphia.

Primula chinensis and obconica grandiflora, in bud and bloom, from 4-in. pots, $7.00 per 100.
Paul Mader, East Stroudsburg, Pa.

Primula obconica, a fine lot from late sowings, now setting buds, 2¼-in., $2.50 100.
Nathan Smith & Son, Adrian, Mich.

Primula obconica grandiflora and fimbriata, elegant 5-in., in bloom, $1.00 per doz. Cash.
Wm. S. Herzog, Morris Plains, N. J.

PRIVET.

California privet, 1, 2 and 3 yrs.; also cuttings; any reasonable offer will be accepted on lots of 5,000 to carloads.
J. H. O'Hagan, Little Silver, N. J.

Amoor River privet, 3 to 5 feet, $18.00 1000. Cash with order, please.
Geo. Just, Jacksonville, Fla.

California privet well-branched, 15 to 20-in., $1.00 100. John Monkhouse, Jewella, La.

California privet and other hedge plants our specialties. Wm. H. Moon Co., Morrisville, Pa.

RHODODENDRONS.

Hardy native Pennsylvania rhododendrons, large clumps 2 to 6 ft. high; finest stock in the U. S.
Riverside Nursery Co., Confluence, Pa.

Rhododendrons, best hybrids, $1.00 and up, each. F. W. O. Schmitz, Prince Bay, N. Y.

ROOTED CUTTINGS.

Rooted cuttings, prepaid. Per 100: Ageratum Gurney, 50c; alternantheras, best red, and yellow, 45c; fall rooted, extra strong, 50c; $4.50 per 1000; fuchsias, 5 fine sorts, $1.25; giant Marguerite daisy, white, $1.00; rose geranium, strong, $1.00. Cash.
Byer Floral Co., Shippensburg, Pa.

Alternantheras, red and yellow, $5.00 1000; brilliantissima, $4.00 100. Ageratum Stella Gurney, 60c 100. Heliotropes, 60c 100. Coleus, 5 best varieties, 60c 100, $5.00 1000. Santolina, 60c 100, $5.00 1000.
Jacob Russler, Avon Ave., Morgan Park, Ill.

Geraniums, double petunias, fuchsias and carnations, best varieties, $1.00 per 100. Cigar plants, heliotropes, ageratums, salvias and alternantheras, 60c per 100, $5.00 per 1000.
J. C. Schmidt Co., Bristol, Pa.

Rooted cuttings, as follows: Salvias, vinca, sweet alyssum and heliotropes, $1.00 100. Fuchsias, double petunias and feverfew, $1.25 100. Coleus and ageratum, 60c 100. Cash.
Ernest Harris, Delanson, N. Y.

Coleus, 60c 100; heliotrope, all dark, $1.00 100; vincas, $1.25 100; English ivy, $1.25 100; fuchsias, $1.50 100. Cash.
J. E. Felthousen, Schenectady, N. Y.

ROSES.

Rooted rose cuttings.

	100	1000		100	1000
Chatenay	$2.50	$20.00	Bride	$1.50	$12.50
Uncle John	2.50	20.00	Ivory	1.50	12.50
Bridesmaid	1.50	12.50	Perle	1.50	12.50

Roses from 2½-inch pots.

	100	1000		100	1000
Richm'd	$30.00	$250.00	La Detroit	$6.00	$50.00
Chatenay	4.00	30.00	Sunrise	4.00	30.00
Godesberg	5.00	40.00	English	25.00	200.00
Liberty	5.00	45.00	Uncle John	4.00	35.00
Kaiserin	4.00	30.00	Bride	3.00	25.00
Bridesmaid	3.00	25.00	Ivory	3.00	25.00
Perle	3.00	25.00			

All plants sold under express condition that if not satisfactory they may be returned.
P. Reinberg, 51 Wabash Ave., Chicago.

The new rose WELLESLEY is a welcome addition to the list of forcing roses. Color is bright pink, with reverse of petals clear silvery pink, thus producing a combination that is exceedingly effective either in daylight or in artificial light. Growth is very free and exceptionally vigorous and will prove satisfactory every month in the year. Delivery strictly in rotation, beginning April 1. Prices:

Own root.	Grafted.
$ 25 per 100	$ 30 per 100
55 per 250	70 per 250
100 per 500	130 per 500
200 per 1000	260 per 1000

WABAN ROSE CONSERVATORIES, Natick, Mass.

GRAFTED ROSES, 60,000 plants. We are now grafting on the best English Manetti the above amount of all selected flowering wood, ready for delivery April 1st, in 2½-in. pots, well established and hardened off. Brides and Bridesmaids, $10.00 per 100. La Detroit, Gen. McArthur and Liberty, $12.00 per 100.
Rooted cuttings now ready. Bride, Bridesmaid and Chatenay per 100, $1.50; Perle and Liberty, $2.50 per 100.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Dormant rose plants, 2½-in. pots. Clothilde Soupert, Maman Cochet, White Maman Cochet, La France, Etoile de Lyon, Marechal Niel, Meteor, Helen Gould, Souv. de Mme. Pierre Notting, Ivory, Papa Gontier, Bride, Maid, Ball of Snow, $2.50 per 100; $20.00 per 1000. Cash, please.
John A. Doyle, Rose Grower, Springfield, O.

Roses. Over half a million dwarfs, grafted on briar stock, novelties; 50,000 dwarf-budded, standards, etc. Orders rapidly executed and in rotation. Catalogue free on application to my sole agent for U. S. and Canada.
John Scheepers, 2 Old Slip, New York.
A. Robichon Fils, Olivet, Orleans, France.

Grafted roses on strong English Manetti stock. Bridesmaid, Golden Gate, Bride, Ivory, Mme. Chatenay, $120.00 1000. Uncle John, La Detroit, Gen. MacArthur, $18.00 100.
S. S. Pennock, Philadelphia, Pa.

Bridesmaid roses, 3-in., $3.00 100.
Paul O. Taner, Lebanon, Ind.

Roses, grafted for March delivery and later. Bride, Bridesmaid, Golden Gate, Wootton, Carnot, La France, $12.00 per 100; Killarney and Franz Deegen, $15.00 per 100. Send for catalogue of other varieties.
WOOD BROS., Fishkill, N. Y.

Roses for spring blooming. C. Soupert, Jacqueminot, U. Bruuner, La France, Magna Charta, Crimson Rambler, etc., fine, field-grown plants, never forced, suitable for 5-in. pots, 7c; larger, for 6-in., 12c. Crimson Rambler, XXX, long tops, 20c. W. H. Salter, Rocheater, N. Y.

Bride, Maid and Perle roses, 3-in., dormant, ideal stock for summer and early autumn, $4.00 100; $38.00 1000. Bedding roses—Bon Silene, Etoile de Lyon, Ivory, Mrs. Ben Cant, Pink and White Cochet, 3-in., $4.00 100; $38.00 1000. E. G. Hill Co., Richmond, Ind.

Grafted roses for forcing. Orders booked for delivery in April, May and June. Liberty, rose pots, $12.00 100; 3½-in. pots, $18.00 100; Bride, Maid, Golden Gate, Kaiserin, rose pots, $10.00 100; 3½-in. pots, $15.00 100. Send for price list. J. L. Dillon, Bloomsburg, Pa.

Rooted rose cuttings.

	100	1000		100	1000
Am. B'uty.	$3.00	$25.00	Bride	$1.50	$12.50
Liberty	3.00	25.00	Ivory	1.50	12.50
Bridesmaid.	1.50	12.50	G. Gate	1.50	12.50

Geo. Reinberg, 51 Wabash Ave., Chicago.

Hardy roses. We have the most complete collections in this country. Illustrated descriptive list free.
Ellwanger & Barry, Drawer 1044 W, Rochester, N. Y.

Grafted roses. We are booking advance orders for Bride and Bridesmaid stock from 2½-in. pots $100.00 1000.
Edw. J. Taylor, Southport, Conn.

Hardy perpetual standard and dwarf roses, Crimson Ramblers, etc. First-class stock. Catalogue free.
Van der Weijden & Co., Boskoop, Holland.

Rooted rose cuttings. Bride, Chatenay, Gate, Perle and Ivory, $2.00 100. Uncle John, $5.00 100. J. F. Ammann, Edwardsville, Ill.

Crimson Rambler roses, extra, $15.00 100; H. P. roses, best varieties, $10.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Roses. Rooted cuttings of Bride, Maid and Gates, $1.25 per 100; $10.00 per 1000.
Rhoten Bros & Co., Bx. 5, Danville, Ill.

Roses, Ivory and Golden Gate, 2¼-in. pots, $1.50 100.
H. Rossiter, Lexington Ave., Jersey City, N. J.

Rose plants. Get our list before buying.
C. M. Niuffer, Springfield, Ohio.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

ROSE STOCKS.

Manetti stocks, just received in fine condition. No. 1, 5 to 10 mm., $10.00 per 1000, $95.00 per 10,000; No. 2, 3 to 5 mm., $7.50 per 1000.
JACKSON & PERKINS CO., Newark, New York.

Selected English Manetti stocks, 5 to 8 mm., $12.00 per 1000. S. J. Reuter, Westerly, R. I.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Rubber plants, 5-in., 50c each. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

SALVIAS.

Salvias, in variety, 2¼-in., $2.00 100; $17.50 1000. Holt's mammoth sage, $2.00 100; $15.00 1000. R. Vincent, Jr. & Son, White Marsh, Md.

Salvias, the two best. Drooping Beauty, dwarf; and Bonfire, tall; $1.00 100; $8.00 1000.
The W. T. Buckley Co., Springfield, Ill.

Salvias St. Louis and Bonfire, rooted cuttings, $1.00 100, $8.00 1000; 2-in., $2.00 100.
E. B. Randolph, Delavan, Ill.

Salvias Jean Revenal and splendens, rooted cuttings, 75c 100; $6.00 1000.
Frank A. Pierson, Cromwell, Conn.

Salvias Bonfire and St. Louis rooted cuttings, $1.00 100; $8.00 1000. Prepaid.
C. Humfeld, Clay Center, Kan.

Salvia rooted cuttings, $1.50 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Salvia rooted cuttings, 6 var., $1.00 100; $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Salvia officinalis variegata, rooted cuttings, $1.00 100, $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Salvia rooted cuttings, from sand, $10.00 1000. Cash. J. Ambacher, West End, N. J.

Salvia Fire Ball, 2½-in., $2.00 100.
Geo. L. Miller Co., Newark, O.

SANTOLINAS.

Santolina tomentosa, rooted cuttings, $1.00 100, $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

SEEDS.

Seeds fresh from the vines—greenhouse, not field-grown.

	100.	1000.
Asparagus seed—		
Plumosus nanus	$0.60	$5.00
Decumbens, fine for cutting	.50	4.00
Plumosus robustus, new	1.00	9.00
Scándens deflexus, extra fine for hanging baskets	1.25	10.00
Sprengeri	.15	.75
Palm seed—		
Kentia Belmoreana or Forsteriana	.50	4.00
Cocos Weddeliana	.75	6.00
Pheonix reclinata	.50	4.00
Pheonix canariensis	.25	2.00

	Tr. Pkt.	¼ oz.	Oz.
Aster seed—			
Queen of Market, separate, or mixed colors	$0.10	$0.20	$0.60
Semple's Branching, separate, or mixed colors	.10	.20	.60
Early Hohenzollern	.25	.40	1.50
Begonia seed—			
Vernon	.25		
Cyclamen seed—			
Persicum giganteum, white, rose, blood red, white with red eye, 75c 100; $6.00 1000; mixed, 60c 100; $5.00 1000.			
Lobelia seed—			
Crystal Palace	.25	.40	1.25
Nicotiana seed—			
Sanderiana, red-flowering	.15		
Pansy seed—			
Berger's Neverfail, all sorts, all colors	.25	1.00	3.00
Petunia seed—			
Giants of California	.25		
Superb double fringed, 20c 100; $1.50 1000.			
Salvia seed—			
Bonfire	.25	.75	2.50
Clara Bedman, finest dwarf	.25	.65	2.25
Stocks seed—			
Giant-flowering, 10 weeks	.25	.75	2.50
Verbena seed—			
Mammoth, separate colors	.25	.40	1.25

H. H. Berger & Co., 47 Barclay St., N. Y.

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.
Cineraria. Finest large flowering dwarf, 1000 seeds, 50c.
Phlox pumila compacta. Very dwarf and compact; grand for pots; in finest colors, mixed. Trade pkt., 25c.
Alyssum compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots. Trade pkt., 25c.
Chinese primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.
Pansy. Finest giants, the best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c.
Petunia. New star, from the finest marked flowers, extra choice. Trade pkt., 25c.
Cash. Liberal count of seeds in all packets.
John F. Rupp, Shiremanstown, Pa.

Asters. Queen of Market, white, rose, purple, 50c oz.; mixed, 35c oz. Peony-flowered, white, pink, 50c oz.; mixed, 35c oz. Giant Ostrich Plume, white, pink, purple, lavender, 75c oz.; mixed, 60c oz. Ostrich Plume "The Bride," white, changing to blush pink, very fine, $1.00 oz. Semple's Branching, white, purple, rose, daybreak, 60c oz.; mixed, 50c oz.
These seeds are of my own raising and are absolutely free from disease, are fresh and very fine.
W. H. Newman, Akron, Erie Co., N. Y.

New crop flower seeds.	100	1000
Asparagus plumosus nanus	$0.60	$5.00
Cyclamen giganteum	.60	5.00

	Oz.	Trade Pkt.
Salvia Bonfire	$2.25	$0.25
Salvia splendens	.90	.20
Stocks, dwarf 10 weeks	2.75	.25
Verbena, mammoth	1.00	.20
Begonia, Vulcan and Bonfire	....	.25
Petunia fim. grandiflora	....	.50
Petunia fim. grandiflora, double.	....	1.00

W. C. Beckert, Allegheny, Pa.

HOWARD'S VERBENA SEED. We desire to call the attention of florists who raise verbena plants from seed to our ROYAL SPLENDOR strain of verbenas. This strain is the result of many years' improvement in selecting only the largest flowers, brightest colors and most pleasing hues from vigorous, compact, free-blooming plants. We offer choice mixed colors at 35c per trade pkt.
A. B. Howard & Son, Belchertown, Mass.

Seed of our superb strain of fringed petunias; double, 500 seeds for 75c, 1000 seeds for $1.50; single, 50c per trade pkt. We have been making a specialty of petunias for nearly 50 years and our seed is unsurpassed.
H. A. Dreer, Philadelphia, Pa.

Aster seed. We have a surplus of the following home-grown aster seed, perfectly clean and plump: Vick's Daybreak, $1.00 oz.; Vick's Branching, Rose, 60c oz.
Nathan Smith & Son, Adrian, Mich.

COLORADO EVERGREEN SEED. Abies concolor, A. Douglasii, A. grandis, Picea Engelmanni, P. pungens, Pinus artistata, P. ponderosa, P. flexilus, 25c trade pkt.; the 8 packets postpaid, $1.50. Our seed is gathered at an altitude from 7,000 to 10,000 ft. and produces trees of extreme hardiness. Our P. pungens seed is gathered from the bluest trees in Colorado.
D. S. Grimes & Son, 3032 West 32nd Ave., Denver, Colo.

NEW CROP
CLEMATIS PANICULATA SEED.
Grown at our FLORACROFT TRIAL GROUNDS, trade packet, 10c; per ounce, 40c; per lb., $3.50. Write for special quotations on quantity.
JOHNSON & STOKES, 217-219 Market St., Philadelphia, Pa.

DREER'S NEW CROP RELIABLE FLOWER SEEDS. In our display adv. in this issue we give a short list of seeds which should be sown early in order to make nice plants for spring sales; for a complete list, send to us for our January wholesale catalogue.
H. A. DREER, Philadelphia, Pa.

Carlson improved aster seed, pure strain; recognized as the leading aster for cut stock; no disease; no yellows. Early White, Late White, Shell Pink, Lavender, trade pkt., 25c; ¼ oz., 50c; oz., $1.50. Order early to insure getting all colors.
E. H. Hunt, 76-78 Wabash Ave., Chicago.

HIGH-GRADE SEED. We offer a special price on Asparagus plumosus nanus seed, fresh from the greenhouses. We guarantee it to be absolutely fresh. 100 seeds, 75c; 1000 seeds, $6.00. Special price on large quantities.
H. F. Michell Co., 1018 Market St., Phila.

Johnson & Stokes' NEW CROP FLOWER SEEDS for early sowing. They are tested seeds of the highest quality. See display adv. in this issue for varieties and prices. Send us your name and we will send you our wholesale list for florists.
Johnson & Stokes, 217-219 Market St., Phila.

Seed of BENTHEY'S two grand NEW ASTERS is now ready. Price: Trade pkt., $1.00; ¼ oz., $2.50; ½ oz., $4.50; 1 oz., $8.00. Write us for full information.
BENTHEY-COATSWORTH CO., 35 Randolph St., Chicago.

We are the largest wholesale and retail seed corn growers in the world; also carry a full line of flower and garden seeds. Write for our catalogue.
Western Seed Co., Shenandoah, Iowa.

Just secured another lot of this year's birch seed. Betula lenta and lutea, $1.00 per lb.; populifolia, 50c per lb. 10% discount for cash with order. L. E. Williams, Nottingham, N. H.

Asparagus plumosus nanus seed, our own growing, just ripening on selected plants, 100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $4.00.
B. H. Haverland, Pleasant Run, Ohio.

If you want fine Mexican seeds, see adv. under heading Mexican Plants and Seeds. Mexican beans, "Frijoles," Cobaes, etc.
J. Balme & Co., Mexico City, Mexico.

Seed growers. Sweet, field and pop corn, cucumber, melon and squash seed. Write us before placing your contracts.
A. A. Berry Seed Co., Clarinda, Iowa.

Ours are seeds of QUALITY and are ALWAYS reliable. Wholesale catalogue for the asking.
Arthur T. Boddington, 342 W. 14th St., N. Y.

Leonard Seed Co.
Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-81 E. Kinzie St., Chicago.

Begonia seed, choice, mixed, our own sowing, trade pkt., 50c.
Golden State Plant & Floral Co., Santa Monica, Cal.

Asparagus plumosus nanus, fresh seed grown under glass, 100 seeds, 75c; 1000 seeds, $6.50.
Wm. Elliott & Sons, New York, N. Y.

Hollyhock seed, single, mixed, 65c per oz. 1904 Allegheny strain, mixed, 85c per oz.
Jos. S. Chase, Malden, Mass.

Salvia splendens grandiflora seed, a strain of superior quality, 25c ⅛ oz., $1.50 oz.
W. W. Rawson & Co., Boston, Mass.

NICOTIANA SANDERAE seed, in original packets, $1.75 per doz., $11.00 per 100.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

75 lbs. Myatt's Linnaeus rhubarb seed, crop of 1904; fine condition at 40c per lb.
Maurice J. Brinton, Christiana, Pa.

Asparagus plumosus nanus seed, home-grown, plump, 50c 100, prepaid.
A. J. Baldwin, Newark, Ohio.

Asparagus plumosus nanus seed, Feb., 75c 100, $5.00 1000. Cash.
Jos. H. Cunningham, Delaware, Ohio.

Asparagus plumosus nanus seed, greenhouse-grown, $5.00 per 1000.
S. S. Pennock, Philadelphia, Pa.

Asparagus plumosus nanus seed, new crop, 50c 100, $4.00 1000. Edw. Teas, Joplin, Mo.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Asparagus seeds, 60c 100, $5.00 1000; 5000 for $22.50. Wm. F. Kasting, Buffalo, N. Y.

SHAMROCKS.

Shamrock. Something new. From cemetery of Downpatrick in Ireland. Plants from 2½-in. pots, 60c doz., by mail; $4.00 per 100; $35.00 per 1000. 250 at 1000 rate. Cash with order. Order early, as stock is limited.
J. D. Harcourt's Son, Wappingers Falls, N. Y.

Irish shamrocks, strong plants, $4.00 100; 60c doz., by mail. John F. Rupp, Shiremanstown, Pa.

Irish shamrocks, strong plants, $4.00 per 100; 60c doz., by mail. S. T. Danley, Macomb, Ill.

SMILAX.

Smilax, good heavy strings, 6 to 8 ft. long, 10c per string; $9.00 per 100. Cash.
Arthur L. Raub & Co., So. 4th St., Easton, Pa.

Smilax, 10,000 strong, bushy stock, 2½-in., $1.00 per 100; $9.00 per 1000.
J. C. Schmidt Co., Bristol, Pa.

Smilax, good, heavy strings, 5 to 6 ft. long, $12.50 per 100.
Rode Bros., Florists, Bowling Green, O.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Smilax, 2-in., $1.50 per 100.
Hammerschmidt & Clark, Medina, O.

SPIRAEAS.

Spiraea japonica, $4.00 100; compacta multiflora, $5.00 100; Washington and Gladstone, $12.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Spiraea clumps.
A. Rolker & Sons, 31 Barclay St., N. Y.

There is no better or cheaper way of reaching the buyers than through the medium of THE REVIEW'S classified advs.

STEVIAS.

Stevia serrata variegata, rooted cuttings, 60c 100, $5.00 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Stevia, variegated, 2¼-in. pots, $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

SUMACHS.

Cut-leaf, stag-horn sumach, large stock, 10c to 15c. Edw. Teas, Joplin, Mo.

VEGETABLE PLANTS.

CABBAGE—Early and Flat Dutch. Succession, L. I. Second Early, Jersey Wakefield, etc., 25c per 100, $1.00 per 1000, $8.50 per 10,000.
LETTUCE—Big Boston, Boston Market and Grand Rapids, 25c per 100, $1.00 per 1000.
PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.
TOMATOES—Lorillard, seed bed plants, 50c per 100, postpaid; 2¼-in. pots, 40c per doz., $2.00 per 100.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Vegetable plants. Transplanted Grand Rapids lettuce plants, 50c 100, by mail; $2.50 per 1000, by express.
Warrick Bros., Washington, Pa.

Asparagus, Conover's, per 1000, $2.50; rhubarb, $2.50 per 100; horse-radish, 50c per 100; strong roots.
H. H. Kern, Bonner Springs, Kan.

Lorillard tomatoes, best for forcing; big stock of 2½-in. pot plants, $2.00 per 100. Cash, please. Roney Bros., West Grove, Pa.

NOROTON BEAUTY, the great new potato. Descriptive circular on application.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Lettuce plants, Grand Rapids and Boston Market, $1.00 per 1000; $4.00 per 5000.
J. C. Schmidt Co., Bristol, Pa.

BUSINESS BRINGERS—
Review
Classified Advs.

VERBENAS.

Verbenas, 60 varieties. The largest and finest stock in the country, healthy, no rust. Rooted cuttings, 60c 100; $5.00 1000; plants, 2½-in. pots, $2.50 100; $20.00 1000.
J. L. Dillon, Bloomsburg, Pa.

Verbena rooted cuttings, 30 var., 60c 100, $5.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Verbenas, white, purple and scarlet; separate, $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Verbena rooted cuttings, 60c 100; $5.00 1000. Prepaid. C. Humfeld, Clay Center, Kan.

VINCAS.

Variegated vincas, 4-in. pots, strong plants, $8.00 per 100; green, $6.00 per 100. The plants are pot bound and will ship well.
The Yates Floral Co., Jos. Traudt, Prop., Canajoharie, N. Y.

Vinca variegata, strong, 3-in., plenty of leads, ready for a shift, $4.00 per 100; 3½-in., 6c. Cash. W. J. Engle, R. D. 8, Dayton, Ohio.

Vinca variegata, rooted cuttings, $1.50 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Vinca var. maj., 3-in., $4.00 per 100; 2½-in. $2.00 per 100. Good stock. Cash.
C. F. Mahan, R. D. 8, Dayton, O.

Trailing vincas, thumb pots, 2 varieties, $2.00 100. Cash.
Geo. L. Miller Co., Newark, Ohio.

Vinca variegata, R. C., 90c 100, prepaid. Cash. Byer Bros., Chambersburg, Pa.

Vinca variegata, 3-inch, $4.00 100. Cash.
Ernest Harris, Delanson, N. Y.

Rooted vinca cuttings, $1.00 per 100.
Converse Greenhouses, Webster, Mass.

Vinca variegata, 3-in., $5.00 100.
Frank A. Pierson, Cromwell, Conn.

VIOLETS.

Lady Campbell rooted runners. 90,000 fine healthy stock cheap for cash. Write for prices and sample. A. Coombs, West Hartford, Conn.

Lady Campbell violets, strong sand and soil stock. Prices on application.
Wm. Swayne, Box 226, Kennett Square, Pa.

We make a specialty of violets. Write
Eli Cross, Grand Rapids, Mich.

MISCELLANEOUS.

Aquilegia (columbine), single mixed, 2¼-in.; Gaillardia grand., 2¼-in., plumbago, blue, white, 3-in. pots, $3.00 100. Maranta massangeana, 2¼-in., $4.00 100. Swainsona alba and rosea, 2¼-in., $2.00 100; $17.50 1000. Holt's Mammoth sage, $2.00 100; $15.00 1000. Sweet Williams, double mixed, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Rex begonias and primroses, 3-in., in bloom, 75c doz., $7.00 100; geraniums, mixed; Mme. Salleroi; feverfew, Marguerites, Vinca var., smilax, Asparagus Sprengeri, and flowering begonias, 2¼-in., 40c doz., $2.00 100.
Harmon & Henderson, Iola, Kan.

TO EXCHANGE.

To Exchange—Heliotropes, rose geraniums, verbenas, 2 and 3-in.; Sprengeri, 3½-in., fine; 50,000 cannas, 20,000 tuberoses, all first-class stock and cheap, for 2-in. pot roses, geraniums, mums, carnations, gladioli, or, what have you? If there is any trade in you, write us.
Greenville Nursery & Floral Co., Greenville, Tex.

To Exchange—Asparagus plumosus, 4-in., for rooted cuttings of Boston Market or White Lawson carnations.
Jacob Russler, Morgan Park, Ill.

To Exchange—Flamingo, Lady Bountiful and Indianapolis carnations for Nelson Fisher carnation. Address
Furrow Bros., Guthrie, Okla.

To Exchange—150 finest cinerarias, ready for 5-in., for Boston's, pelargoniums, roses or anything. J. F. Sked, Westerville, O.

WANTED.

Wanted—Ferns and palms, or other salable plants. Must be bargains. We can handle large quantities of good stock if prices are right. Alpha Floral Co., Kansas City, Mo.

Wanted—Rooted cuttings of Rex begonias and Princess of Wales violets.
The McGregor Bros. Co., Springfield, O.

Wanted—A few hundred plants of each size, 1, 2 and 3-yr. old, Clematis paniculata.
V. H. Hallock & Son, Queens, N. Y.

ASBESTOS GOODS.

Cover your boilers and flow pipes with asbestos; makes a great saving in coal bills; reasonable first cost; easily applied; coverings last many years. Send for free catalogue. H. W. Johns-Manville Co., 100 William St., New York. Milwaukee, Chicago, St. Louis, Boston, Philadelphia, Pittsburg, Cleveland, New Orleans, London.

CUT FLOWER BOXES.

Cut flower boxes. Waterproof. Corner lock style. Cheap. Sample free if you mention The Review.
Livingston Seed Co., Box 104, Columbus, O.

Folding boxes cheap. Write us for samples and prices. The Aull Bros. Paper and Box Co., Dayton, O.

Florists' boxes. The J. W. Sefton Mfg. Co., 241-247 So. Jefferson St., Chicago.

DECORATIVE MATERIAL.

Long gray moss for decorating. Beautiful with evergreens, always graceful and will last for months. Price: 10c per lb., F. O. B. Cash or C. O. D. Cook & Cook, Alvin, Tex.

Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
Crowl Fern Co., Millington, Mass.

Dagger ferns, laurel festooning, leucothoe sprays, bouquet green, etc.
H. M. Robinson & Co., 11 Province St., Boston.

Leucothoe sprays, fancy ferns, green sheet moss, sphagnum moss, etc.
L. J. Kreshover, 110 W. 27th St., New York.

Fancy and dagger ferns, evergreens, etc. Good stock, low prices.
A. J. Feliouris, 468 Sixth Ave., New York.

All decorative evergreens, galax, leucothoe, mosses, etc.
The Kervan Co., 20 W. 27th St., New York.

Galax, ferns and leucothoe sprays are our specialties. N. Lecakes & Co., 53 W. 28th St., N. Y.

Fancy and dagger ferns, galax leaves, etc.
A. L. Fortunes, New Haven, Conn.

Leucothoe sprays and hardy cut ferns.
C. E. Critchell, 36 E. 3d St., Cincinnati, O.

Fancy and dagger ferns, smilax, etc.
Michigan Cut Flower Exchange, Detroit, Mich.

For southern wild smilax write
Caldwell The Woodsman Co., Evergreen, Ala.

EVERYTHING FOR FLORISTS.

Write for quotations on your wants to
E. F. WINTERSON CO.,
45, 47, 49 Wabash Ave., Chicago.

FERTILIZERS.

FERTILIZER. Fertiline, the ideal plant food. A complete and very effective chemical fertilizer for all kinds of greenhouse plants. Perfectly soluble in water. It is easily applied and sure in results. The key to our success in growing chrysanthemums. Price and particulars on application.
NATHAN SMITH & SON, Adrian, Mich.

SHEEP MANURE. Pulverized and free from all adulteration. In bags, $18.00 per ton; special price on carload lots in bulk.
ROBERT SIMPSON, Clifton, N. J.

Bone meal, sheep manure and wood ashes.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

FLORAL DESIGNS.

Wax flowers and wax floral designs.
J. Stern & Co., 1928 Germantown Ave., Phila.

Wax flowers and wax floral designs.
Jos. G. Neidinger, 1226 Poplar St., Phila.

GALAX LEAVES.

Bronze and green galax leaves, postage prepaid, 75c per 1000. Small green leaves for violets. Cash, please. H. H. Hill, Victoria, Macon Co., North Carolina.

Galax, bronze or green, and small green galax for violets.
L. J. Kreshover, 110 W. 27th St., New York.

GALAX LEAVES. Bronze or green.
A. J. Feliouris, 468 Sixth Ave., New York.

GALAX LEAVES, green or bronze.
N. Lecakes & Co., 53 W. 28th St., New York.

GALAX LEAVES, green or bronze.
Crowl Fern Co., Millington, Mass.

GALAX LEAVES, green or bronze.
H. M. Robinson & Co., 11 Province St., Boston.

Galax leaves, green or bronze.
A. L. Fortunes, New Haven, Conn.

Galax, bronze and green.
C. E. Critchell, 36 E. 3d St., Cincinnati, O.

GLASS, ETC.

Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order to small to receive our careful attention.
Sharp, Partridge & Co., 22d and Union, Chicago, Ill.

We carry the largest stock of glass in this country. Glass for greenhouses is our specialty.
Pittsburgh Plate Glass Co., Pittsburg, Pa.

We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

Greenhouse glass exclusively.
Stenzel Glass Co., 2 Hudson St., New York. Also 101 Portland St., Boston.

Greenhouse glass a specialty. Sprague, Smith Co., 205 Randolph St., Chicago.

GLAZING POINTS.

Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

The "Model" glazing point. Zinc. Practical. Durable.
Parker-Bruen Mfg. Co., Harrison, N. J.

Peerless glazing points are the best.
H. A. Dreer, Philadelphia, Pa.

GOLD FISH.

GLEN MARY FISH FARM.
CHAS. POMMERT, PROP.
AMELIA, O.
Devoted exclusively to the growing of GOLD FISH. 100,000 now ready. Send for price list.

HOSE.

HUNT'S TYPHOON. This hose is the product of careful study which greenhouse usage has demonstrated on various kinds of materials. It is durable, heavy and yet pliable and will stand hard usage.
100 feet, 7 ply.....$14.00
200 feet, 7 ply..... 26.50
300 feet, 7 ply..... 39.00
E. H. Hunt, 76 Wabash Ave., Chicago.

ANCHOR BRAND of greenhouse hose is THE hose for florists.
Mineralized Rubber Co., 18 Cliff St., New York.

Bulldog 7-ply hose, fully guaranteed, 16c ft.
U. Cutler Ryerson, 108 3rd Ave., Newark, N. J.

Good hose. J. G. & A. Esler, Saddle River, N. J.

INSECTICIDES.

A 5-lb. trial package of our TOBACCO POWDER will cost you nothing if you will pay the express charges on it. Write Department D for it. H. A. Stoothoff Co., 116 West St., N. Y.

To-bak-ine is the most effective insecticide on the market. Write for our "Words of Wisdom." It is free.
E. H. Hunt, 76 Wabash Ave., Chicago.

Rose Leaf Extract of Tobacco. For pamphlet write to Kentucky Tobacco Product Co., Louisville, Ky.

NICOTICIDE kills all greenhouse pests.
Tobacco Warehousing and Trading Co., 1004-1006 Magnolia Ave., Louisville, Ky.

Advertisers have learned from experience that
THE REVIEW
PAYS
BEST.

LEAF-MOLD.

Orchid peat and leaf mold always on hand.
Lager & Hurrell, Summit, N. J.

BUSINESS BRINGERS—
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PAINTS.

PATTON'S SUN-PROOF PAINT is the best paint made. We are the sole distributers. Write us.
Pittsburg Plate Glass Co., Pittsburg, Pa.

PLANT TUBS.

Cypress and oak tubs. We manufacture all sizes. Write for prices.
Bobbink & Atkins, Nurserymen and Florists, Rutherford, N. J.

POT HANGERS.

Kramer's pot hangers. Neat, simple, practical. Write.
I. N. Kramer & Son, Cedar Rapids, Iowa.

POTS.

Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M Sts. N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Standard Pots. Catalogues and price lists furnished on application.
A. H. Hews & Co., No. Cambridge, Mass.

Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

RED POTS. Standard pots at bottom figures.
Harrison Pottery, Harrison, Ohio.

RED POTS. STANDARD SIZE.
SYRACUSE POTTERY CO., Syracuse, N. Y.

RAFFIA.

Just received. A consignment of extra selected raffia fibre. Write me for special prices.
Aug. Rhotert, 26 Barclay St., N. Y.

Raffia. Samples free if you mention The Review. Large assortment of colors.
R. H. Comey Co., Camden, N. J.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

SHIPPING TRUNKS.

Crane Bros., Westfield, Mass. Manufacturers Linenoid Seamless Trunks and Boxes for shipping Cut flowers. Send for price list.

SPHAGNUM MOSS.

Fresh, clean, shipped direct from swamp; 5 bbl. bale, $1.25; 3 bales, $3.25; 5 bales, $5.00. H. R. Akers, Chatsworth, N. J.

Live sphagnum moss and orchid peat always on hand. Lager & Hurrell, Summit, N. J.

Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. Write for prices. H. M. Robinson & Co., 11 Province St., Boston.

Sphagnum and green sheet moss. L. J. Kreshover, 112 W. 27th St., N. Y.

TIN FOIL.

Tin Foil—Plain, fancy, printed and mounted. Conley Foil Co., 521 West 25th St., N. Y.

Tin Foil—Plain, violet and rose. John J. Crooke Co., 155 Ave. D, N. Y.

TOBACCO.

Tobacco stems, 60c per 100 lbs. in bales of 200 to 250 lbs. Special price on car lots. F. G. Borden, Milton, Wis.

Fresh tobacco stems, bale of 300 lbs., $1.50. W. C. Beckert, Allegheny, Pa.

TOOTHPICKS.

Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers. W. J. COWEE, Berlin, N. Y.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

WIRE SUPPORTS.

Thaden's wire tendrils and twin stakes for carnations, roses, etc. H. Thaden & Co., 472 W. Hunter St., Atlanta, Ga.

Model Extension carnation supports; also galvanized rose stakes and tying tires. Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Model Extension carnation supports. Parker-Bruen Mfg. Co., Harrison, N. J.

WIRE WORK.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co., 45, 47, 49 Wabash Ave., Chicago.

Emil Steffens, Manufacturer of Florists' Wire Designs, 335 East 21st St., New York.

Reed & Keller, 122 W. 25th St., New York. Manufacturers of Wire Designs.

Wire work of all kinds. Write me. Wm. Murphy, Wholesale Florist, Cincinnati, O.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

NEW ORLEANS.

Death of Dan Newsham.

Dan Newsham was, except possibly for Harry Papworth and U. J. Virgin, the best known member of the craft in New Orleans. He was born in England in 1870 and died of appendicitis at Touro Infirmary on January 15, 1905. In the short span of his life he crowded a wide horticultural experience. Coming to America at the age of 15 years, he first located at St. Louis but had lived in New Orleans since 1891. He was in charge of the private places of Frank Bryan and Mrs. W. W. Gordon and the past season had charge of Louisiana's large horticultural exhibit at the World's Fair, whence he had just returned. He was to have gone into business with his brother, J. A. Newsham, and the Steckler Seed Co. Mr. Newsham was for years secretary of the New Orleans Horticultural Society. He was buried at the beautiful Metairie cemetery, Richard P. Steckler, C. R. Panter, Geo. Thomas, Geo. Krumm, H. Boensel and U. J. Virgin acting as pallbearers.

NAPERVILLE, ILL.—Jacob Rohr & Son report trade good, better than in January last year.

CAPACITY OF BOILER.

I have a **horizontal tubular** boiler eight feet long and three feet in diameter, with thirty-six 3-inch flues. I am heating three houses with hot water, two houses 10x60 and one house 16x60 and ten feet to the ridge. Will the same boiler heat another house 16x75 and nine feet to the ridge and maintain 56 degrees on the coldest nights? The houses are attached, run east and west, with shed at the west end and glass in the east end of the wide houses. V. H. T.

You will be perfectly safe in depending upon your present boiler to supply heat for an additional house 16x75. Your boiler has a capacity capable of supplying 2,400 square feet of radiation at 56 degrees. Your present houses, to maintain this temperature, require only 941 square feet of radiation and the additional house 16x75, built in a bank with other houses with only one side and one end exposed, will require 466 feet of radiation; **i. e., 466 feet of 4-inch pipe** to heat it. Your total radiation will then only be 1,307 feet and your boiler has a capacity of 2,400, or enough to carry the new house and as much more as you already have, provided it has good draft and first class fuel is used.

L. C. C.

ATLANTA, GA.—The foreman for the Nunnally Co., W. F. Will, was found dead of heart failure January 6. He was 63 years of age.

SALT LAKE CITY, UTAH.—H. F. Thorup says that, following a very good holiday season, trade has been dull for three weeks, only a little funeral work now and then.

BOOKS FOR Florists

The following are books which can be recommended, each as the standard work in its own field:

The American Carnation.

By C. W. WARD.

Invaluable to the carnation grower. All departments of the business are treated in a thoroughly practical manner. The book is the work of a careful, studious grower of ripe experience. Fully illustrated. **Carriage paid, $3.50.**

Commercial Violet Culture.

By B. T. GALLOWAY.

This is the second edition of this very successful book, revised and brought up to date. Handsomely printed. Fully illustrated. **Carriage paid, $1.50.**

Greenhouse Construction.

By L. R. TAFT.

A complete treatise on the subject. All the best and most improved structures are so fully and clearly described that one will have no difficulty in determining the kind best suited to his purpose. Fully illustrated. **Carriage paid, $1.50.**

TO REMOVE ASPHALTUM.

We note the trouble one of your correspondents has had from asphaltum on his heating pipes and the difficulty he has met with in getting the asphaltum off. If he will try Watson's Faultless Paint and Varnish Remover, made by the Geo. E. Watson Co., 108 Lake street, Chicago, it will remove the asphaltum from the pipes. We discovered this after having lost a crop of roses. We, too, had tried the torch, sand paper, steaming the pipes and numerous other things. We know this will do the work. Three cans will suffice for a house 18x52. P. G.

The inquiry of C. J. R. regarding the removal of asphaltum from the pipes of his greenhouses is rather a difficult question to answer. The paint often contains creosote and produces, when heated on the pipes, a gas having the properties of an acid. In my experience the most satisfactory method is the application of a strong solution of caustic soda (Na O H). A mixture of one part of caustic soda to ten of water applied by means of a spraying apparatus gave good results. The use of any acid or volatile substance like ammonia is out of the question because it not only affects the plants but it would be a very difficult task for a person to withstand the fumes which would result during the application.

After the liquid has been sprayed upon the pipes, it is allowed to remain for a day or so, and then can be washed off with water and a scrubbing brush. During the washing a large quantity of the paint will be removed. The application of the liquid can be repeated if necessary, washing with water after each application.

The caustic soda used is known as "Caustic soda 98 per cent." That purchased by me was from the Troy Laundry Machinery Co., Chicago. The cost of the substance is about 6 cents per pound and it is put up in ten pound cans. The substance in the cans is in a fine condition and readily dissolves in water. Care should be taken in using this substance not to get any of the solid or liquid on any part of the body. If any of the substance comes in contact with the body it should be washed off with water at once and vinegar applied to counteract the action of the substance. J. B. WEEMS.

THE PRONOUNCING DICTIONARY.

We have your sample copy and enclose a dollar; please have our subscription begin with the first issue containing the Pronouncing Dictionary; we would like to have it complete.—PARK FLORAL CO., Trenton, N. J.

I have your issue of December 8 and enclose subscription; please send the other issues containing the Pronouncing Dictionary; it fills a long-felt want.—MRS. B. THOMPSON, Indiana, Pa.

My subscription began December 15 and I see I have missed the first two installments of the Pronouncing Dictionary; please send them.—G. J. KUHLEN, Kenton, O.

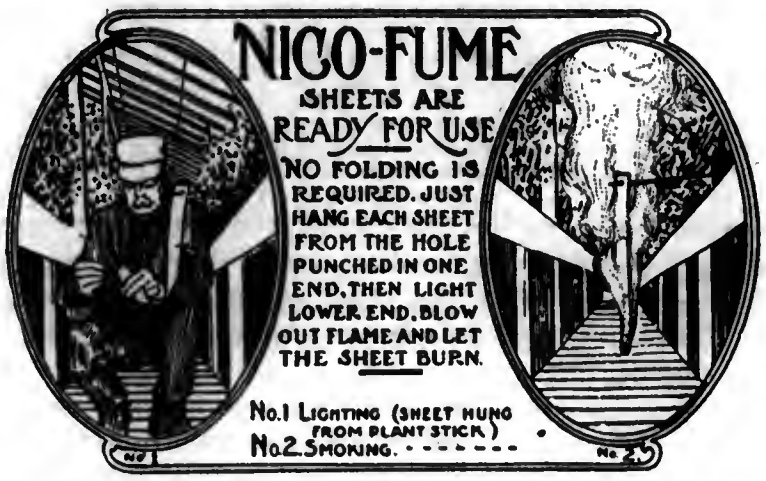
LOGAN, UTAH.—J. E. Carlisle & Co. do a considerable nursery and market gardening business but the greenhouse department, under the management of Benjamin Carlisle, has prospered so well that it will shortly be enlarged.

FUMIGATE WITH

"NICO-FUME" TOBACCO-PAPER INSECTICIDE.

SOMETHING NEW!

A great improvement over all other Tobacco-Papers, or other methods of Fumigating.



For Sale by All Prominent Seedsmen.

Nico-Fume is packed in Special Friction-Top Tins, preventing loss of strength by evaporation.

PRICE:

24 sheets	75 cents
144 sheets	$3.50
288 sheets	6.50

The Chicago Carnation Company state: "Nico-Fume" does the work more effectively and with less inconvenience to ourselves than anything we have tried heretofore, and we have tried everything else.

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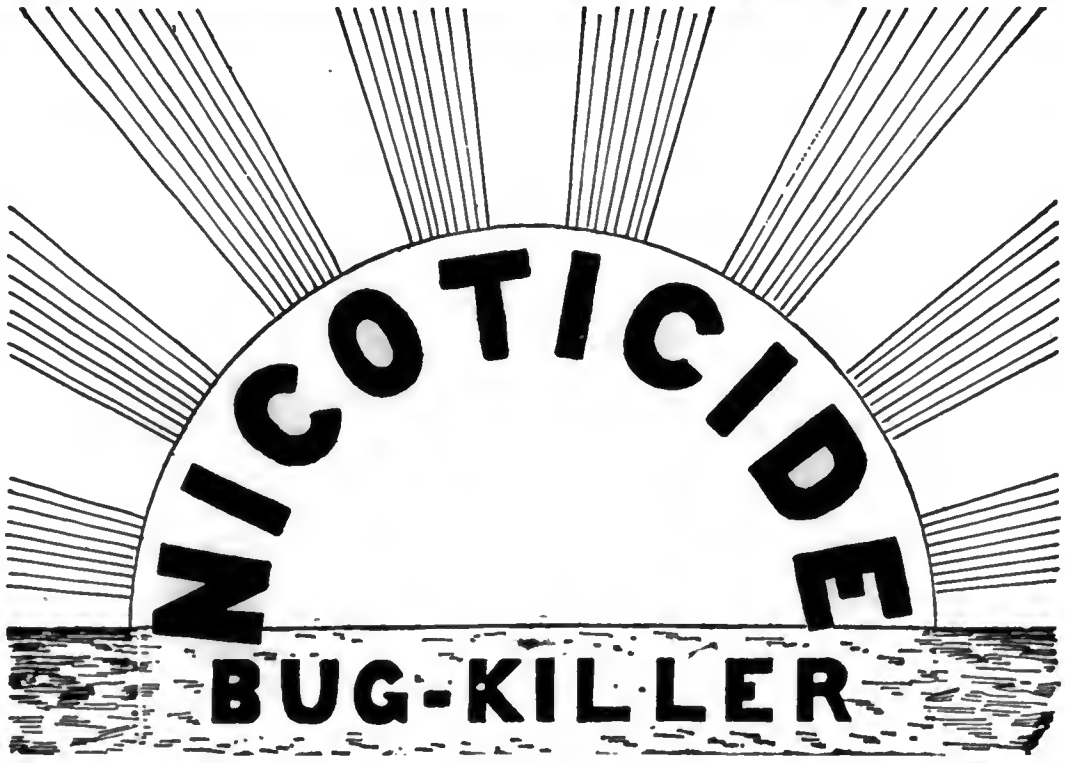
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NELS NELSEN.

Mamaroneck N. Y.
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The pots in my house rather quickly become covered on the sides and to some extent in the earth surface, with a green mold and when handled have a slimy feeling. Is it detrimental and if so what is the cause? M. J. S.

We read from time to time of various inventions which are destined to keep pots clean in greenhouses. So far, however, we find a cloth and a scrubbing brush the only safe agencies. Nothing detracts so much from the appearance of plants as dirty pots, nor will plants kept in such pots thrive so well as in clean ones. Keep the pots clean by all means. Use some sand if the dirt is hard to move. Moist, shaded houses, where little ventilation is used and plants are frequently syringed, are most productive of slimy plants. Keep the surfaces of the pots stirred whenever any green mold appears, using a pointed stick for the purpose and removing said material. Nothing is worse for plants than to allow the surface to get into this condition. W. N. C.

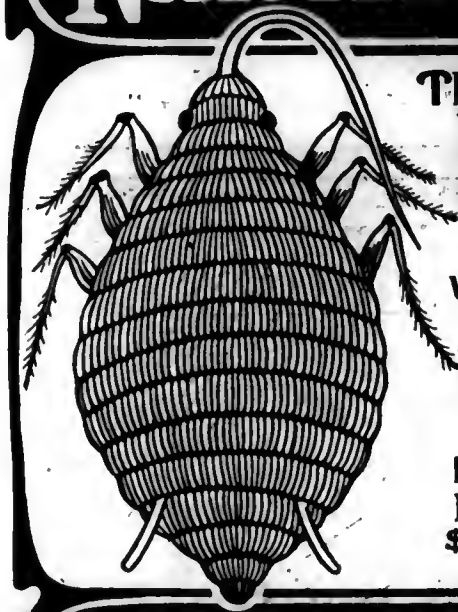
BEGONIA FOR NAME.

I will be very greatly obliged if you will advise me as to the names, botanical and common, of the begonia of which I enclose leaf and bloom.
M. J. S.

The leaf of begonia enclosed appears to be that of Begonia incarnata; while the flowers had lost all their color, we should say they were of that variety. Next to Begonia Gloire de Lorraine this is the best of our pink winter-flowering begonias. W. N. C.

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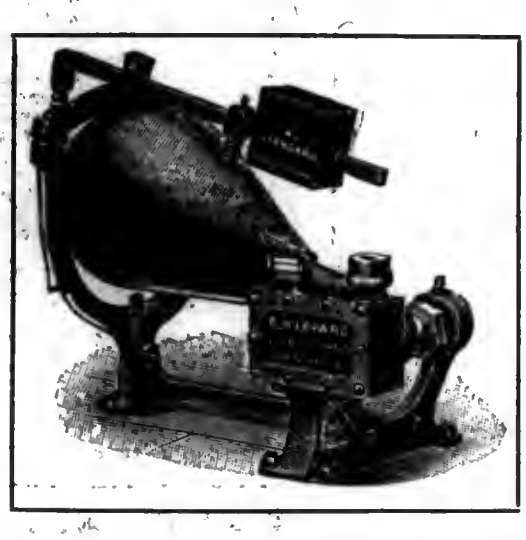
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What is the heating ability of a boiler ten feet long and three feet in diamter, with thirty-two 3-inch tubes? With 4-inch cast-iron pipe how many houses 15x50 and ten feet to the ridge can it heat to 60 degrees when it is 10 degrees below zero? Which is the better system for hot water, up-hill or down? C. S.

Your boiler has a capacity that will allow you to place about 586 square feet of radiation upon it. If the piping is well arranged and the boiler is forced a little during cold weather it should heat two houses 15x50 and ten feet high piped with 4-inch cast-iron pipe. This will allow 250 feet of 4-inch pipe to each house, which would be equivalent to five runs of pipe in each house.

In regard to the slope of the pipes, there is a diversity of opinion. Some prefer an up-hill while others a down-hill system. My personal preference has always been for the up-hill plan, as the water can be heated to a somewhat higher temperature under this plan than when the down-hill system is used.

L. C. C.

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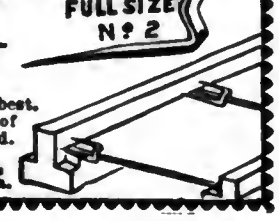
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J. J. V.

While 4-inch pipe is only used in steam heating as a main or flow pipe in large establishments, there is, so far as I know, no decided objection to its use for other purposes. If the 4-inch pipe which you have is cast-iron pipe it cannot be used for steam heating, as the joints cannot be made to stand the expansion and contraction of this form of heating as usually arranged. If the pipe is wrought iron, threaded, it will be satisfactory for use with steam.

The reason that large pipes are not more frequently used for radiating purposes in greenhouse heating is that the cost per unit of radiation in large pipe is much greater than in small. A 4-inch pipe gives 1.17 square feet of radiation for each foot of length, while 1¼-inch pipe gives .49 of one square foot for each foot of length. The 4-inch, therefore, gives only about two and one-half times as much radiation per running foot as does the 1¼-inch pipe, yet the 4-inch costs about five times as much per foot. Radiation in 4-inch pipe would, therefore, cost about twice as much as in 1¼-inch pipe. Not only that, but the labor and expense of installing the small pipe is only a fraction of what it is with the large.

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L. C. C.

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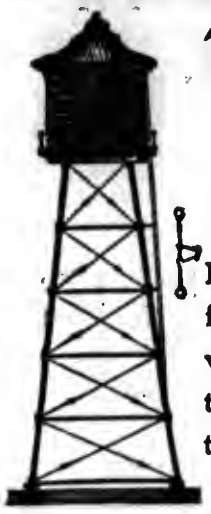
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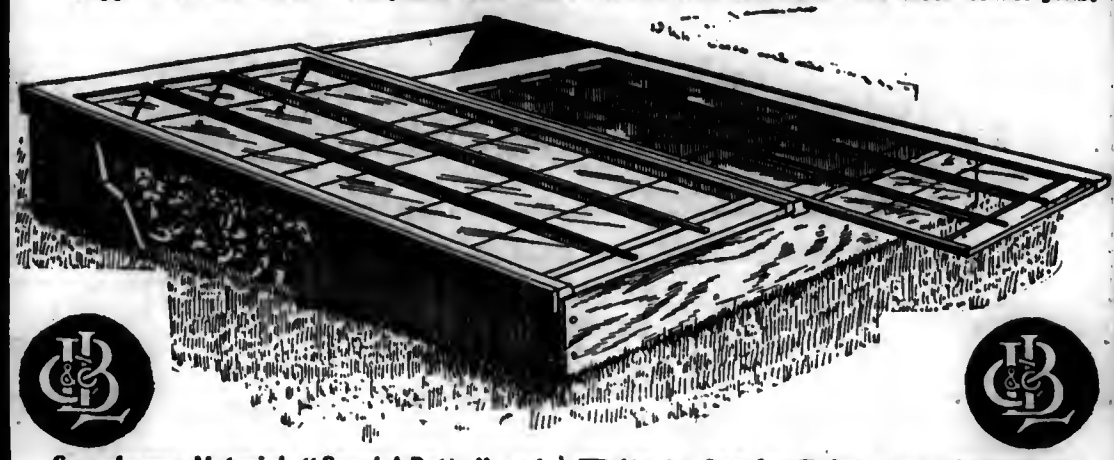
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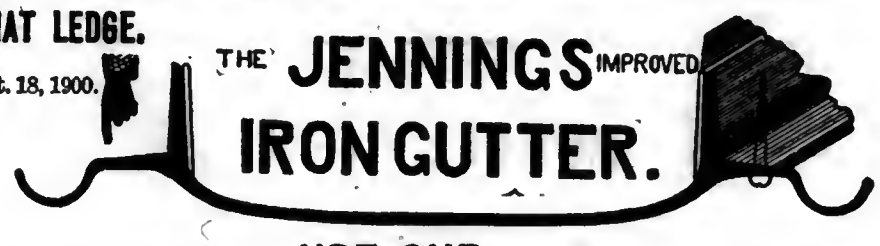
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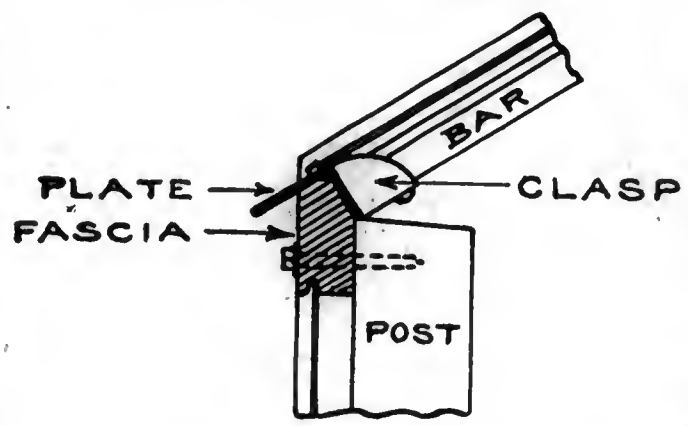
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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

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Vol. XV. CHICAGO AND NEW YORK, FEBRUARY 2, 1905. No. 375.

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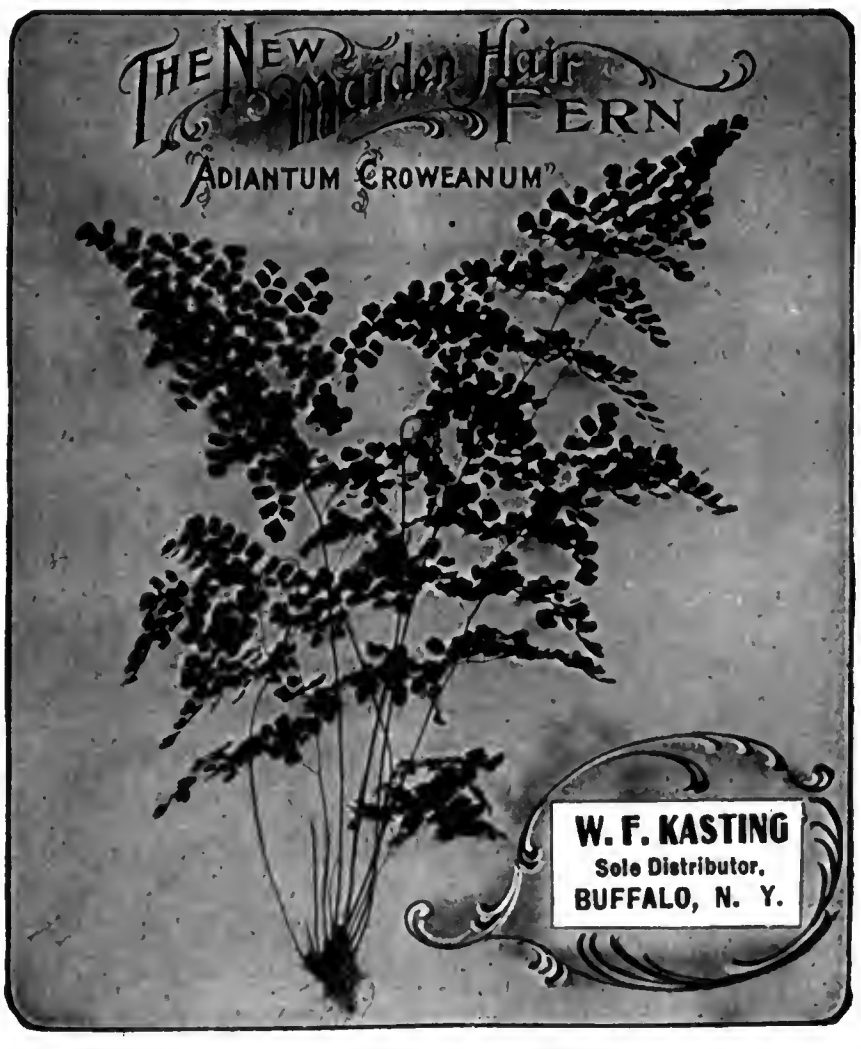
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MISCELLANEOUS SEASONABLE HINTS.

The Fuchsia.

We often see sad failure made of that easily grown old favorite, the fuchsia, and the reason is because you have poor stock to propagate from. The fuchsia can be classed as shrubby and is a shrub or dwarf tree where it is hardy, yet in our greenhouses we treat it as a soft-wooded plant or succulent. If you don't have well ripened wood to produce your cuttings in winter time you had better not attempt propagating. That is why I introduce it as a "seasonable hint." If you have produced only small, scrubby, ill-shaped plants, throw them out and get two or three plants each of half a dozen of the most desirable varieties. Plants propagated early in December are what you want and these should now be in 3-inch pots. Keep them growing. For this purpose stopping or pinching is not desirable, as you want the largest plant and earliest ripened wood.

If grown on vigorously these early propagated plants will show no inclination to flower until May and by that time you will have plants three feet high. Plunged outdoors during summer the wood will be matured by September. Six weeks' rest in a very cool house or even beneath a bench, with only water enough to keep the wood from shriveling, and then shortened back to strong growths and started in good brisk heat will give you cuttings that will grow and make nice plants before wanting to flower. Now is the time to put away your dozen plants for next winter's propagation.

Some Good Old Sorts.

Many years ago we used to grow old Elm City, a double red. We propagated in November and the following April sold them wholesale for $1.50 each. What they retailed for we don't know. Two old varieties, Black Prince, single carmine, and Avalanche, a grand double, can be easily grown and make fine shapely plants. I rather think of late that the fuchsia specialists have produced a marvelous blossom with rather a weak plant and the singles are equally beautiful, with the doubles, only a little more so. To realize what a grand flowering plant the fuchsia really is you should visit the Isle of Wight, off the south coast of England, or California.

Spiraeas.

We have received several inquiries about starting this rather cheap and extremely hardy herbaceous plant. Early February is time enough to get them in. They can stand beneath a bench for three weeks or until the foliage starts growth. Don't forget that 100 or 200 of these plants are extremely useful at Decoration day, either as a plant to be taken to the cemetery or for cut flowers. For that purpose you can, of course, leave the roots frozen up until early April and start them in a cold frame.

Zonal Geraniums.

There never yet were too many good zonal geraniums during May and June, that is, if they were in flower. Shifting from 2-inch to 3-inch was finished about January 10 and now, if they are active at the root, is the time to take a cutting from the top of these plants, providing the growth will admit of it. These cuttings put in now make good bedding plants and the 3-inch plant will break and make a good early flowering plant in a 4-inch pot later on. Don't murder a plant for the sake of a cutting. If not strong enough to give you a decent cutting just nip only the last joint made and let it go.

It seems too simple a thing to write about, yet you occasionally see these geraniums treated to a warm, close, poorly lighted house. Pot firmly at all times, using a fresh, heavy loam, with very little manure of any kind, except the last shift into 4-inch pots in April, when we use bone meal, which is more conducive to flower than foliage. Give the fullest light and air on all occasions and never over 45 degrees at night. And one more item, let them dry before you water them. The zonal geranium is very much of a succulent and in the dark months wants little water and even in summer many a bed of geraniums is simply spoiled by the careless use of the hose, or by ignorance of the needs of the plant.

Lobelia Speciosa.

Don't forget to put in all the good cuttings you can get of Lobelia speciosa if you are in the veranda box or vase business. Seedlings are of no use for this purpose and lobelias are useless as bedding plants. If a plant in a vase gives up in August there are others to fill up, for they are always crowded, but planted in a row in a flower bed they won't be anything but a foliage plant during August and September.

Sweet Alyssum.

The double sweet alyssum should also be propagated now. It's another little plant indispensable for vases, etc. Please don't think that I mean all your crop should be rooted now, because cuttings in March are perhaps better, but you don't usually carry stock enough of these to put in thousands at once and those you propagate now will give you cuttings later on.

Begonias.

There is a splendid flowering begonia of which we are not sure if we have the correct name, but we will call it Begonia incarnata grandiflora. It is of stouter growth and much larger and brighter in flower than the old B. incarnata. The advent of the gay Lorraine has driven this and some other species and varieties out of mind. This particular variety should not be neglected, for it is a desirable florists' plant. If you have no stock of it, buy a few old strong plants that are free of disease. A rust is its enemy. You can propagate it now from the flower shoots, but it is better done later. Its flowering season is from early December to February. When out of flower almost any part of the plant will root, but when cut down about one-half its height it makes lots of cuttings, which root readily in



W. N. Rudd's Pink Carnation, Lady Margaret.

April and May. Light and plenty of ventilation and never too much watering will easily keep the rust away. Some growers even plunge it outside in August and September to produce a stout, robust growth. It always flowers at just the right season. Ten years ago we considered this one of the most important Christmas plants and shall grow it again because it will sell and is very useful for cutting.

Mignonette.

Don't neglect your mignonette bench. I hope you cut a fine crop at the holiday season. Keep the surface of the bed clean and a sprinkling of bone meal will help if it is on a shallow bench. Above all, keep it tied up if you expect another crop of fine spikes. If allowed to fall about on the bench the stems will be crooked, which will spoil their value. Besides the fine spikes you sell by the dozen you get, later in the season, a lot of smaller spikes and there is nothing our customers like so well, with a dozen carnations or a bunch of mixed flowers, as a few spikes of mignonette.

William Scott.



THE CARNATION SHOW.

The Review gave us such a full account of the American Carnation Society's convention and exhibition that I can hardly tell anything new. It certainly was the greatest show, in quality, especially, the society has ever held, and I am sure no one who attended can possibly regret it. The stock was exceedingly well done throughout and in most cases arrived in excellent condition. No doubt one of the reasons for the general high quality was the fact that very few of the older varieties were shown, and those few only served to show the advance that has been made in the last five years. Such varieties as Fiancee, Enchantress, Lady Bountiful and a few others easily out-pointed what few older varieties there were. Old Lawson, however, had no trouble in holding her own in the dark pink classes.

Never before were there shown such a grand array of scarlets. Robert Craig, which took the Lawson silver medal, is certainly a fine thing. Fine stem, form, color and a large bloom. Victory was just as fine in every way, except the color lacked that brightness which this variety showed in the fall. It is a splendid keeper. Cardinal is a grand thing and deservedly took first on 100 scarlet. The vase Witterstaetter set up too late for competition was a grand sight. Red Lawson from W. J. Palmer made a nice show. John Haines suffered in transit but a few blooms which were uninjured showed that it is as fine as any of the others and a good color. Flamingo was there in good form but instead of standing out like it did at Brooklyn, two years ago, it had to hustle to hold its own alongside of the others. Adonis, too, looked nice but was outclassed. Richmond Gem is a small bloom but fine color.

Illinois, one of Rudd's seedlings looked good, the color is fine. We have been looking for a scarlet to grow and sell in the same class as Enchantress and surely we ought to get at least one out of this list. There is still room for improvement, however, in the color. We want a brighter red with more yellow in it. Who will produce it?

In white Lady Bountiful easily led in quantity and was conceded to be the best white in the competitive classes. This variety has not only size and form but it has the texture necessary to make a commercial variety. It is the white for the masses. White Lawson was shown in good shape and, like its parent, it has substance and size, though not as good a form as Bountiful. The Belle was shown in nice shape and of Gov. Wolcott there were a few fine vases. My Maryland, which won the bronze medal, is a fine, large bloom on a good stem and in the tall vase it made a fine show. It arrived in good condition for having come so far.

Enchantress was the whole thing in light pink and was never shown better. There was nothing shown that is likely to displace this variety for a year or two at least, unless it be Witterstaetter's J. A. Valentine, which looked very good. Dorothy Whitney was the best yellow although it does not rank in size with the other prize winners. Harlowarden took the leading prizes in crimson. Mrs. Lawson is not likely to be displaced just yet unless it be by the Aristocrat, which looks very formidable. Dorner's Eclipse, which goes in the same class is more of a commercial carnation. It may be grown in place of Lawson for market, on account of its fine stem and productiveness, but as an exhibition variety Lawson seems to be "it." Indianapolis was not shown as good as at Detroit. Rudd's Lady Margaret looks like a good commercial sort; good color and form. Witterstaetter's Afterglow looks like a good thing, after the order of Fiancee. Candace, shown by J. Hartje, is a beautiful shade of pink. Prosperity was shown in several vases, but nothing like as good as at Indianapolis three years ago.

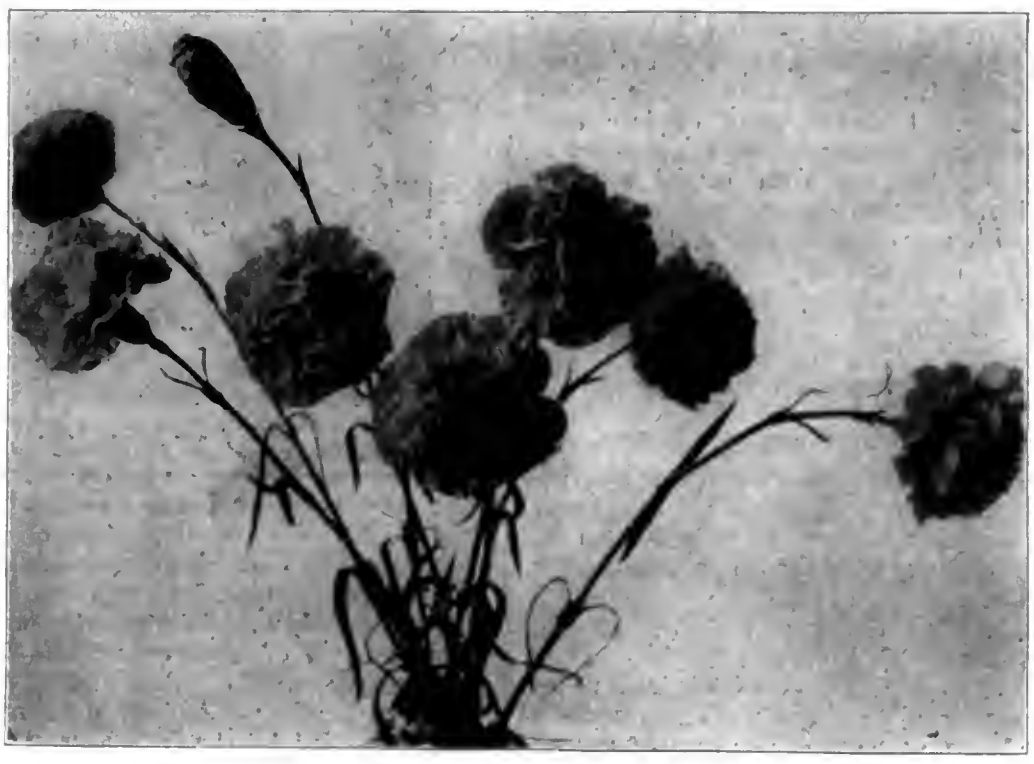
Among the new ones that attracted my attention were Mikado from M. A. Patten. The bloom reminds one of Prosperity only it is fuller and of much better form and has deep shadings of crimson instead of light red, a very striking variety. Variegated Lawson, from F. R. Pierson Co., is about as heavily marked as Mrs. Patten. Glendale, from W. J. & M. S. Vesey, is a white and red striped flower and looks like a good commercial sort; long stem, good calyx and form. No. 155, 1902, from Dorner, is a fine large bloom on a fine stem, color neither pink nor red, but beautiful at night. No. 63, 1902, from H. Weber & Sons, is a fine large variegated white and red. No. 12 from the E. G. Hill Co. is a fine large white which won a certificate of merit. No. 38, from H. W. Buckbee, variegated pink and white, won a silver cup. No. 569, 1902, from C. W. Ward, is a fine large pink, a fine color. Alma Ward is a very good white. No. 163, 1902, from Dorner, is the most beautiful shade of light pink I ever saw, grand at night. We shall watch for this. No. 211, 1901, from C. W. Ward, is a fine crimson.

All these showed fine quality and if the growth and habit are as good they will make valuable additions to our list of varieties. Some of them will likely displace some of the varieties we are growing now.

A. F. J. Baur.

THE BANQUET.

There were 206 present at the banquet given to the American Carnation Society at the Auditorium Hotel in Chicago January 26. The menu was in keeping with the reputation of Chicago's leading hostelry. President W. N. Rudd, of the Chicago Florists' Club, presided and at the conclusion of the repast introduced Peter Fisher, president-elect of the American Carnation Society. Earnestness marks Mr. Fisher's oratory as well as everything else he undertakes.



The Light Pink Seedling, Senator Crane.



Visitors at Joliet, Ill., on January 27, 1905.

He urged united effort in behalf of the society, which is the most active of the special trade organizations, and predicted that in Boston next year we shall have even a better meeting than the very successful one held in Chicago last week. Other speakers were President James Hartshorne, E. G. Hill, J. C. Vaughan, C. W. Ward, E. C. Miller, F. R. Pierson, Fred Dorner, Lewis Ullrich and P. J. Hauswirth. W. J. Lawrence, a member of the Canadian delegation, sang.

At the close of the evening Geo. A. Rackham, for the committee on final resolutions, read a report expressive of the society's appreciation of its hospitable entertainment. The Lawson medals were presented to the winners by President Rudd.

On the same evening the ladies, numbering twenty-one, were entertained at dinner and at the theater.

TRIP TO JOLIET.

Nearly all the convention visitors remained in Chicago for a couple of days after the convention to visit the large carnation growing establishments of the vicinity. On Friday morning, January 27, a carload went to Joliet on the Rock Island, arrangements having been made to stop the train at the greenhouses for the accommodation of the party. Four hours were given to the inspection of the establishments of the big carnation growers there. Fiancee and Robert Craig were the centers of interest, but the condition of the other stock was such as to attract the favorable comment of the visitors.

The accompanying illustration is from a photograph taken in the propagating house of the Chicago Carnation Co. and shows the visitors and a bench of cuttings of Fiancee.

Many went to the establishments of Peter Reinberg, Bassett & Washburn, Wietor Bros., J. A. Budlong, Poehlmann Bros. and others and a number made the trip from Chicago to Richmond to see Mr. Hill's new rose.

YOUNGSTOWN, O.—It is reported that a large range of glass for cut flowers is to be erected at Oakland, about five miles south of here.

CARNATION NOTES.—EAST.

Liquid Food.

Commercially speaking, the most practical manures to use in forming the base of liquid food are those from the cow or sheep. Additions of other manures or fertilizers are needed in particular cases to supply some certain element not present in the base in the desired quantity; therefore it is well to have at hand such fertilizers as hen manure, unleached wood ashes, soot and bone meal. Some people hold hen manure in very high value, rating it nearly on a par with Peruvian guano, but it has no such value, as will be seen when it is considered that hens live chiefly on grain, while the birds furnishing guano subsist almost wholly on fish and meat. Besides, guano contains decomposed bodies of dead birds. Hen manure is rich in nitrogen and owes its value to the fact that the excrement from the kidneys is passed with the solids. With other animals this is separated and mostly lost.

Some sort of receptacle must be provided in which to prepare the liquid and it is best to provide means for having it free from sediment when used, as it is not only more easily handled when distributed by a pump or otherwise, but it is objectionable to spread this sediment on the soil. I have used with success a number of large barrels connected at the bottom by pipes. Into each or any number of barrels, according to the strength of liquid desired, is placed a stout sack containing about a peck of ingredients. When filled with water and kept, preferably, in a fairly warm place the liquid is soon ready for use.

No precise rule can be given for making liquid food, as much depends on conditions, but it is imperative that the first application be a weak solution, the strength being gradually increased as the plants demand and can assimilate it. To start with, a mixture in the proportion of a handful of wood ashes to a peck of cow or sheep manure in fifty gallons water is strong enough. This will give a liquid about the color of medium strength tea and as the quantity of manure is increased or water decreased the color deepens, but do not rely too much on color.

Close observation will tell you when and how much to increase the strength of the liquid, also what fertilizer to add to the base, remembering that wood ashes help stem and brilliancy in flowers. Bone meal is almost a complete manure but is valuable particularly in increasing size of bloom. Hen manure, being rich in nitrogen, induces growth of foliage, while soot improves its color.

It is better to feed at intervals of a week or ten days and moderately than at long intervals and heavily.

GEO. S. OSBORN.

CARNATION SENATOR CRANE.

This fine carnation was raised by E. Dolby, gardener to Zenas Crane, Dalton, Mass., by crossing Lawson and Bradt and is now in its third year. The plant is vigorous growing, producing long and strong stems early in the season. The calyx is as near perfect as possible. The flower has a fine fragrance and averages over three and one-half inches in diameter. In form the flower somewhat resembles Mme. Diaz Albertini, but is rather more double and has a fuller center. The color is deep flesh, being evenly distributed all over the



House of Carnation Mrs. W. L. Lewis at Marlboro, Mass.

flower, more nearly approaching Marquis than Enchantress in shade. The plant is a free and persistent bloomer.

At the show of the Lenox Horticultural Society last October, Senator Crane received a first-class certificate. A few blooms staged at the Boston chrysanthemum show attracted much favorable notice. In regard to its keeping qualities the writer took home one or two flowers at the close of the Boston show, after being staged five days, and they kept well for another week.

Mr. Dolby's entire stock was recently purchased by R. C. Pye, of Nyack, N. Y., who will place it on the market when he can work up a sufficiently large stock. We consider this one of the most promising seedlings we have seen of late years. The photograph hardly did the flowers justice in the group, those to the left appearing undersized.

W. N. Craig.

CARNATION MRS. W. L. LEWIS.

A carnation which is making a name for itself in Boston at present is Mrs. W. L. Lewis, originated by the enterprising proprietor of the Lewis Conservatories, Marlboro, Mass. This seedling is now in its fourth year and has proved itself a money maker and bids fair to be a good commercial variety in every respect. Its parentage is Mary Wood x Flora Hill. Color is snow white and the strong clove fragrance is very pleasing. Flowers average three to three and one-half inches in diameter and are full, stiff petaled, well fringed and symmetrical, with a high center. The calyx is strong, Mr. Lewis stating that he has never seen a burst flower. Stems are stiff and eighteen to twenty-four inches in length. Habit strong and very prolific, grass of medium width. Mr. Lewis has booked numerous orders for this variety and will introduce it the present season. The photograph of the house of this variety was taken on January 2.

W. N. Craig.

WITTERSTAETTER NOVELTIES.

There was no exhibit at last week's exhibition of the American Carnation Society which attracted more attention than that of R. Witterstaetter, of Cincinnati. Because of a railroad wreck, Mr. Witterstaetter arrived too late to stage his blooms for competition. Had he been in time he would at least have rendered the work of the judges more difficult and it is quite possible that his presence might have called for a considerable change in the list of awards. We present in this issue illustrations showing four of Mr. Witterstaetter's new varieties.



Witterstaetter's Light Pink Seedling, J. A. Valentine.

That which will attract the greatest attention is the improved Lawson, to which he has given the very excellent name of Aristocrat. This is much the shade of Mrs. Lawson, with larger size, as he grows it, and a much better form. Mr. Witterstaetter says that while it is not noteworthy for its early blooming qualities, it makes good stems on the early flowers and comes into heavy crop in season to be a more profitable variety than he has found Lawson. He has made no plans for disseminating this variety, but it will doubtless find its way to the trade in the course of time.

Another pink of excellent character is Afterglow, which comes in the Scott class for color. J. A. Valentine is the name given to a light pink shade, an attractive sort but one not likely to prove a serious rival to Enchantress so long as that variety retains its vigor. No. 1021 B1, is an unnamed seedling of the Scott shade of which Mr. Witterstaetter thinks highly, although he says it is not as early a bloomer as he would wish.

BACTERIA.

I send samples of Fair Maid and Lawson carnations from near the heating pipes which about two weeks ago began to show dried tips on the leaves. They were benched in September and did well. Enchantress growing next to them is only slightly affected. Queen does not show it at all. I have been watering them quite freely of late, but there seems to be plenty of drainage. I keep the temperature about 53 degrees at night and let it run as high as 73 degrees on bright days. What is the trouble?

I. F. F.

The Lawson and Fair Maid are affected by the same thing, bacteria. We are told that these are introduced through the punctures produced by aphis, thrips, or, in fact, any insect that punctures the leaves. The bacteria enters into the leaf and starts a decaying which breaks



R. Witterstaetter's Pink Seedling, No. 1021 B 1.



R. Witterstaetter's Improved Lawson, Aristocrat.

down the cells in the leaf. These light spots are broken down cells and where it goes far enough the leaf will start drying up like the Fair Maid samples show.

The plants being near the hot water pipes makes them a favorable breeding place for these insects and no doubt that is why they are worse affected than those farther away. Get a can of Tobak-ine liquid and spray the plants three times a week to get rid of all the insects there are and the plants will grow out of it again. The spots that are there now will remain and all you can do is to help the plants to grow out of it. Be careful not to overfeed the plants that show these spots, as it will aggravate the case. Do all you can to harden the growth without stunting the plants. Run them on the dry side and give all the air you can.

A. F. J. BAUR.

BUILDING OVER BEDS.

I expect to build a carnation house this year and had in mind planting young stock this spring in a bed on the ground just where I am going to build the house and build the house over them in the fall, letting them remain in the same soil all winter, trusting to mulching to keep them in good order. You will please tell me what you think of this plan, also what kind to plant to get the best results in a house of mixed colors and which ones to plant at the warm end. You need not name the latest introductions, just good standard sorts in the various colors. W. M. W.

Two years ago we built a house over some 10,000 carnation plants which we had planted in beds the spring before, working the same scheme you mention. It proved so satisfactory that we expect to repeat the operation next summer. That is, of course, providing your soil is well drained. If such is not the case you will do well to raise the beds somewhat and use about a foot of cinders for drainage, and then four inches of soil to plant in. Such a bed will not dry out as rapidly as a raised bench and yet drain satisfactorily in the winter. You gain much by building in this way. You save lifting the plants in the fall and you need not hurry so much with the building, just so you get closed up before cold weather.

Most any variety will do first rate under this arrangement. You do not name the varieties you are growing so I can hardly tell you how to plant. If you are a beginner I would advise you to plant the following: For white, plant Lady Bountiful, Moonlight, Her Majesty, Lorna, Boston Market; for pink, Mrs. Lawson, Floriana, Indianapolis; for light pink, Enchantress; for red, Crane, Estelle. Plant Lawson at the warmest end, the others will not matter.

A. F. J. BAUR.

FROM VIOLETS TO CARNATIONS.

I have a greenhouse 18x150 which I have been using for double violets, but have had poor success and want to try carnations. The house has board sides three feet high and runs a little east of south. Will such a house grow good carnations if properly handled? I have good soil in the benches which I used for violets. Is it necessary to change it for carnations? If not, what should I do to it? Would Enchantress be a good variety to grow? W. C. P.

While the most approved and most generally used greenhouse for growing carnations runs east and west there is no reason why you should not grow good carnations in your house, providing the glass is of good average size. A house running as yours does will not get quite as much sunshine as an east and west house and the size of the glass cuts more of a figure, too. I would advise you to change the soil by all means and use fresh soil for planting your next crop. Enchantress is a good paying variety and would likely thrive as well as any you could plant. The wants of your market should, however, guide you in selecting your varieties. You may want several colors rather than so many of one color. For instance, Enchantress, Lady Bountiful and Indianapolis would give you three colors and all good paying varieties, requiring about the same temperature. A. F. J. BAUR.

INDOOR CULTURE.

I would like to ask if any one has tried and would recommend growing Enchantress carnations in pots until spring and then planting directly into the beds, the same as you would with Lawson.



Witterstaetter's Pink Seedling, Afterglow.

Would it also be practicable to grow Red Lawson, Cardinal and Fiancee as above?

W. S. H.

You can plant Enchantress from pots like you do Lawson with good success. This variety, however, transplants easily and unless you have other reasons for wanting to plant from pots I can see no advantage over planting early from the field. Red Lawson should of course be handled the same as you do Mrs. Lawson. About Cardinal and Fiancee I can say nothing personally, but I understand they both lift well from the field. Neither one has a sprawly habit of growth, however, and I imagine both would readily lend themselves to indoor culture.

A. F. J. Baur.

CARNATION DAY.

Viewed from a strictly trade standpoint, McKinley day was a keen disappointment. Reports are almost unanimous that in no section of the country did the demand for carnations for January 29 even approach the dimensions which had been anticipated. There was a good Saturday and Sunday business for carnations and that was all. In many wholesale centers the stocks had been largely augmented by the process of storing up which is practiced at holidays and the result was, in many instances, that carnations brought more money all through last week than they did on Saturday and Sunday.

It is noteworthy, however, that very cold weather prevailed practically over the whole United States on January 29, which kept people indoors and prevented their wearing flowers even did they venture on the street. From several sections the report comes that many carnation table centerpieces were asked for and the large number of buyers who make it a practice to take a few flowers home Saturday evening almost invariably asked for carnations. It is quite within the possibilities that on a year when McKinley day weather is milder, the demand will reach the proportions which were anticipated for this year.

THE RETAIL FLORIST.....

A WINDOW SCHEME.

The material used in the window decoration, illustrated herewith, consists of American Beauty roses, Paper White narcissi, Roman hyacinths, two or three fern pans, half a dozen Boston ferns, some sheet moss, an areca, two olive green rattan screens, five yards of ribbon, the eight or nine receptacles for flowers, and two light strings of Asparagus plumosus, with a spray three feet long of Asparagus Sprengeri.

The scheme is suggestive of a garden gate, where American Beauties are clustered about the entrance. The narcissi are growing outside of the left gate, and to be seen through it within the garden. The line of Roman hyacinths forms a border to the walk which is supposed to turn to the left. The only glimpse to be had of the interior is the group of Boston ferns and the palm in the distance. The whole design is merely suggestive, not intended to be representative.

Now, as to the mechanical part: The bottom of the window is covered with sheet moss, as being the most natural background. Then the screens are set in against the glass, and at different angles, the left one being more nearly parallel with the front of the window. Three small, short vases are then set in front of the left screen, as shown. These vases are concealed under a covering of sheet moss. The effect when finished is that of clumps of narcissi growing from the ground. Just behind this screen are some more narcissi, close enough to throw a few of the flowers through the meshes of the screen. One large cluster in a green jardiniere, with a few Beauties, is seen on the right edge of the screen. Behind the screen, to the extreme left, is a tall iron plant stand holding a narrow glass vase in which is a cluster of American Beauties leaning forward over the top of the screen.

Against the right screen, in the corner of the window, is another vase of Beauties. Following to the lower left are placed some small ferneries of Asparagus plumosus, cocos and pteris, behind which is placed a vase of Paper White narcissi. This fills the space immediately in front of the screen. Then begins a line of Roman hyacinths in small dishes, hidden by wrappings of sheet moss, which follows a circular direction toward the left, behind the left screen. The space between the groups of flowers about the base of both screens is open, exposing to view the bank of Boston ferns in the back of the window. These are placed one above another on stands, and tipped forward, so that the pots are hidden.

Just behind the inside edge of the right screen is another vase containing American Beauties, falling forward against the screen, and behind it, partly visible from the front. The upper cluster of Beauties is fastened on the screen, a few turns of wire being sufficient to hold them in place. They have the appearance of being on a climbing plant.

The flowers and plants being all in place, a loose drape of broad, soft white ribbon is added, as pictured, and light sprays of asparagus previously fastened to the edges of the screens are drawn together in a loose drape between the screens. The rest of the asparagus is traced lightly over the left gate.

This style of arrangement is good for a week in a show window, with an occasional freshening, all of the flowers being in water except the upper bunch of Beauties on the right.

Besides being a window design, this scheme is adaptable to a church decoration, or a background for a wedding or reception party, a screen for musicians, or a corner in a hall opposite the front entrance. Carnations or other roses could be used in place of the Beauties. Many pleasing variations could be devised.

Gertrude Blair.

THE HISTORY AND CULTURE OF

GRAFTED ROSES FOR FORCING

BY ALEXANDER MONTGOMERY, JR.,
WABAN ROSE CONSERVATORIES, NATICK, MASS.

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Carrying the Plants Over.

There is one other point, also, on which it may be well to say a few words, and that is the method used in handling stock which it is intended to grow more than one year. The general practice is to force the plants up to the end of June, then gradually dry off the beds, at the same time giving all the air possible day and night, thus allowing roots and wood to become well ripened, although in the case of teas the plants should not actually become dormant; they will start stronger if not allowed to become too hard, but are merely rested—rested describes the condition best of anything.

If ever the wood of teas begins to get yellow and the leaves fall off, it is a sure sign of the soil being too dry and no time should be lost in correcting this, as this condition of too dry soil is the principal cause of failure to ripen our rose bushes successfully. The exact point at which to give water or to withhold it altogether is very difficult to state in just so many words, but, as I have said, if the wood in ripening up has not lost its dark-green color and the leaves have not fallen off, then the plants may be considered generally to be in good condition, and an occasional syringing or light watering should be sufficient.

In from four to six weeks from the time the plants began to rest they will be ready to start into growth, but before starting they most likely will need some pruning. This I shall divide into two classes, taking Brides and Maids as an example of light pruning, and Liberty as a specimen of the class requiring close pruning.

Light Pruning.

For the first kinds it is recommended that only the tops of the plants be cut

off, generally the last growth that has been made being sufficient, if it has been properly ripened. Only the very lightest wood or useless brush should be cut out completely, and, in fact, unless the plants are good and strong it would be safest for a beginner to cut nothing but the tops, and then, after the plants have made a good healthy start, he may do a little thinning out.

I must put special stress on this matter of cutting out, as it is the very point on which there may be a great variety of opinions as to what constitutes useless wood. It is certainly true that unless a person knows what he is about he will do the least damage and have the greatest chance of success by letting the plants alone, with the exception of merely cutting off the tops.

While it is the common practice to leave Brides and Maids standing upright after pruning, there are occasions when it is almost imperative to bend them down. This is especially so in the case of plants over two years old, which often become so tall that, in order to get them within a convenient working distance, they would have to be cut back too hard; consequently the only alternative is to bend them down and tie out in fan shape, taking care not to cross the canes any more than necessary.

Close Pruning.

The second class, of which Liberty has been cited as an example, requires close pruning. Kaiserin and Carnot also are familiar examples. They should be cut back somewhat similar to hybrid perpetuals. The general rule is to cut one-year-old plants to four or five good eyes, and the second and following years back on the first growth made after starting up the plants during that year. Of course, they will grow all right if not cut back to the limit, but the longest stems usually come from the closest cut plants, allowance being made for the different varieties, as a strong growing sort will not require as close pruning as a weak kind.

Most of the present-day varieties, then, can be placed under these two classes, but I have no doubt that many of the roses of the future will require treatment which will be midway between these two extremes.

Starting Into Growth.

The method of starting the plants into growth is about the same in all cases. The beds should be thoroughly cleaned off and given a good watering. Some prefer to remove a little of the old soil, but it is not at all necessary and I doubt very much if there is enough gain to pay for the trouble, except, perhaps, in special cases.

After the beds have had a good watering, whatever manures or fertilizers one is accustomed to use may be put on and thoroughly watered in. Now, this is the important part; it may take one watering and it may take three or four, but at any rate do it thoroughly. Then let the soil alone. This, also, is important, as no more water is required until the plants break into a good red, healthy growth.

Examine the soil and when little white rootlets are found, it is a sign that the plants will take more water if carefully applied, but do not give too much, as an overdose at this stage will cause the young shoots to turn yellow. This is the danger point, but once over this stage, the plants will be ready for the regular treatment which is given to any rose.



The Garden Gate in the Show Window.

From Benches to Beds.

Some growers prefer to grow their plants on benches for the first year and replant into solid beds the second year. This gives very satisfactory results and can be recommended to any who wish to run plants for two or three years but do not care to start in with solid beds.

The treatment is about the same as though carried over without changing the soil. The plants should be ripened sufficiently so that they may be lifted without danger of the wood shriveling. When ready to transfer to the new soil they should be watered enough so that they may be lifted with a good ball of soil on the roots. Now, while they may be planted directly into the new soil, the better way, and by long odds the safest, is to put them outdoors in the sun, throw in a little soil between the plants and water well. In four or five days the roots will begin to start, when they should be brought in and planted. Tramp the soil in firmly about the roots, leaving a basin around each plant, so that only the soil containing roots will be wet, and water thoroughly.

The only danger points now are dry air and wet soil. The first causes the wood to shrivel; to prevent this, keep the walks damp and the bushes sprayed for a few days, with a very fine spray. The second causes the new growth to start yellow, or even, in some cases. the plants to die outright. The remedy depends mostly on the skill and experience of the grower, but in general I may say that the first watering often proves sufficient to start the roots; at any rate, the less water they receive until the plants have begun to grow well, the less will be the chances of failure.

FEEDING THE ROSE PLANTS.

As we are now about to emerge from the dark weather and the duration and intensity of sunshine also are on the increase we can afford to apply feeding material in stronger doses and with more frequency. But if we wish to supply this food in the form of a mulch we must not forget the danger of putting it on too thickly; better to apply it thinly and more frequently than take any risks which are sure to accompany a heavy application.

The benefit to be derived from a heavy dose will be more than counterbalanced by the evil effects of excluding the light and sun from the surface of the soil, preventing proper evaporation and bringing root action to a standstill. These life-giving rays should rather be encouraged to find their way to the surface of the soil and have no obstruction placed in their way. While we may be very anxious to supply the necessary food in sufficient quantities, we must not lose sight of the fact that light and sunshine are as necessary to the roots and soil as to the stems and foliage.

A light, rich mulch will now greatly benefit those roses which are healthy and vigorous but this should be put on no thicker than half an inch and should more resemble a top-dressing than a

mulch proper. A top-dressing of bone meal would now be welcomed and this also should be applied sparingly for the first application and especially if the plants are weak or the foliage slightly off color and should be entirely avoided if the plants are sickly.

This material contains ammonia and phosphorus in the proper proportions and in a very assimilable form and can be applied to the surface of the soil with proper effect without in any way disturbing it, the subsequent waterings conveying the element within reach of the feeding roots.

Where roses show a softness of wood or foliage it is advisable to give them a top dressing of lime or wood ashes. These also should at this season be applied carefully and in small doses until the season is more advanced and as no stirring of the surface is required to derive the full benefit, the operation is easily and quickly performed.

When the weather is bright and clear an application of liquid food will now be of great benefit and this, if applied at the right stage of growth, will by reason of its readily assimilable form be more immediate in its action and bring quicker results. RIBES.

SOIL FOR ROSES.

Will you kindly tell me what kind of soil is good for roses? I was advised by one grower to use black soil and another to use some clay in it. T. H.

The most suitable soil for rose culture under glass is the top spit from old pasture land where the soil is a rather heavy, friable loam, with at least fifty per cent of clay in its composition. The black soils which prevail in some quarters, while not the ideal rose soil, are capable of producing first-class roses. A slight mixture of a good friable clay, say in the proportion of one part to three would no doubt be beneficial if properly composted and thoroughly incorporated. RIBES.

TROUBLE WITH ROSES.

I send you samples of rose plants. They have been standing still and dropping leaves for some time. I do not think they have been over watered. I have been keeping the house at 56 to 58 degrees at night. A few times the house has been as low as 52 degrees, but not often. I have some Ivory in the same house that are doing nicely. I have about 600 plants in all, about half of which were carried over from last year. The latter look the worse. I notice in the sample of soil a small insect resembling thrips, but it seems to be about the roots of the plants. I have been particular about ventilation, giving them air whenever possible. What do you think of the soil for growing roses? The separate sample is the kind of soil near the greenhouse. L. R. A.

These plants are infested with eel worms and I can hold out little hope of their ever doing any good. The Perles are not so badly affected as the other specimen, and may weather through till spring growth commences, and as they are rank growers, they may outlive it.

The little insects in the soil are the larvae of thrips, which will soon develop into the perfect insect.

The sample of soil is altogether too light to suit roses, and, indeed, I would like it even heavier for carnations.

The soil in which the roses were planted is also too light. I would advise using the clay part of it without mixture of any other soil, simply adding one-fifth of decomposed cow manure. Chop the whole compost up and turn over a few times before using. It would be unsafe to propagate from such stock. RIBES.

OLD PLANTS OUTDOORS

What is the proper temperature for American Beauty? I notice that in the spring some growers advertise old plants of Beauty for sale. What are they used for? Could they be used outdoors in Missouri for cutting during summer? Could old plants of Bride and Bridesmaid be used for this purpose? B.

Beauties do well at a temperature of 58 degrees but some growers are equally successful using 60 degrees. The old stock which is advertised in May and June is used for outdoor planting and if properly handled and cared for they can be made a source of pleasure and profit and are good for years. They are much superior to young plants, as they are ready to go to work at once. Brides and Maids are also useful for this purpose but in some of the northern states they are liable to suffer severely during a hard winter. I should think they would do well with you. Kaiserin and Meteor would no doubt also do well. RIBES.

BLIND WOOD

Our Brides, Maids and Beauties are all sending up more blind wood than blooming wood; also both varieties of Cochets. The growth on the Beauties is very strong, canes five to eight feet long, and still growing, but no buds. The growth on the others is not vigorous. Temperature ranges from 55 to 60 degrees at night and higher in the day. K. H. B.

There are many causes for Brides and Maids producing a surplus of blind wood, chief among which is defective ventilation. Another very common cause is allowing the branches to trail over the bench instead of being tied up neatly. Brides and Maids will also have a tendency to run to blind wood if the temperature frequently reaches 60 degrees at night; 56 degrees is the proper temperature for these varieties.

Beauties will sometimes run to blind wood during a protracted spell of dark weather, but each and every shoot will produce a bloom if you wait. Run them a little on the dry side and keep the night temperature about 58 degrees, giving them 75 or 80 degrees when the sun shines, but always with good ventilation. RIBES.

PRONOUNCING DICTIONARY

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Frequent inquiry as to the correct pronunciation of plant names has led us to compile the following list of names, selecting those in most common use in the trade, and including botanical terms most frequently met with in articles upon plant culture.

In our list we have used the following

KEY TO PRONUNCIATION.

a as in fat	e as in met	ō as in note
ā as in fate	ē as in mete	ö as in move
ä as in far	ė as in her	ô as in nor
å as in fall	i as in pin	u as in tub
ă as in fare	ī as in pine	ū as in mute
à as in Persia	o as in not	ù as in pull

The syllables to be accented are marked thus ′.

P

(CONTINUED FROM LAST WEEK.)

Poeticus—(pō-et′i-kus).
Poinciana—(poin-si-ā′nå).
Poinsettia—(poin-set′i-å).
Polemonium—(pol-e-mō′ni-um).
Polianthes—(pol-i-an′thēz).
Poa—(pō′å).
Polyantha—(pol-i-an′thå).
Polyanthes—(pol-i-an′thēz).
Polyanthus—(pol-i-an′thus).
Polygala—(pō-lig′a-lå).
Polygonum—(pō-lig′ō-num).
Polypodium—(pol-i-pō′di-um).
Polypody—(pol′i-pō-di).
Pomelo—(pom′e-lō).
Pomology—(pō-mol′ō-ji).
Pontederia—(pon-tē-dē′ri-å).
Populus—(pop′ū-lus).
Portulaca—(pōr-tū-lā′kå).
Potentilla—(pō-ten-til′å).
Pothos—(pō′thos).
Præcox—(prē′koks).
Pratensis—(prā-ten′sis).
Primula—(prim′ū-lå).
Princeps—(prin′seps).
Pritchardia—(pri-chär′di-å).
Privet—(pri′vet).
Procumbens—(prō-kum′benz).
Prothallium—(prō-thal′i-um).
Prunus—(prō′nus).
Pseudobulb—(sū′dō-bulb).
Psidium—(sid′i-um).
Psittacina—(sit-a-sī′nå).
Ptarmica—(tär′mi-kå).
Ptelea—(tē′lē-å).
Pteris—(tē′ris).
Ptychosperma—(tī-kō-sper′må).
Pubescens—(pū-bes′enz).
Puccinia—(puk-sin′i-å).
Pudica—(pud′i-kå).
Punctata—(pungk-tā′tå).
Pungens—(pun′jenz).
Pupa—(pū′på).
Pupæ—(pū′pē).
Purpurea—(per-pū′rē-å)
Pyracantha—(pir-a-kan′thå)
Pyramidalis—(pi-ram-i-dā′lis)
Pyrethrum—(pir′e-thrum).
Pyrus—(pī′rus).

Q

Quercus—(kwer′kus).
Quinquefolia—(kwin-kwē-fō′.

R

Raceme—(ra-sēm′).
Racemosa—(ras-e-mō′sa)
Rachis—(rā′kis).
Raffia—(raf′i-å).



Floral Display at a Funeral at Uniontown, Pa., Designs Mostly by Barton Floral Co.

Ranunculus—(rā-nung'kū-lus).
Ravenala—(rav-e-nā'lå).
Recurvata—(rē-ker-vā'tå).
Reflexed—(rē-flekst').
Regia—(rē'ji-å).
Regina—(rē-jī'nå).
Remontant—(rē-mon'tant).
Repens—(rē'penz).
Reseda—(rē-sē'då).
Reticulata—(rē-tik-ū-lā'tå).
Retinospora—(ret-i-nos'pō-rå).
Rhamnus—(ram'nus).
Rhapis—(rā'pis).
Rhizome—(rī'zōm).
Rhodanthe—(rō-dan'thē).
Rhododendron—(rō-dō-den'dron).
Rhodora—(rō-dō'rå).
Rhus—(rus).
Rhynchospermum—(rin-kos-per'-mum).
Ribes—(rī'bēz).
Riceana—(rī-sē-ā'nå).
Richardia—(ri-chär'di-å).
Ricinus—(ris'i-nus).
Robinia—(rō-bin'i-å).
Rochea—(rō'kē-å).
Rondeletia—(ron-de-let'i-å).
Rosa—(rō'zå).
Rosaceæ—(rō-zā'sē-ē).
Rose—(rōz).
Rotundifolia—(rō-tun-di-fō'li-å)
Rubra—(rō'brå).
Rubus—(rō'bus).
Rudbeckia—(rud-bek'i-å).
Ruellia—(rō-el'i-å).
Rufescens—(rū-fes'enz).
Rugosa—(rō-gō'så).
Rupicola—(rō-pik'ō-lå).

(To be continued.)

ASTERS UNDER GLASS.

Last fall, after our mums were out of the way, we set out ten weeks' stocks and they are now coming in bloom, but a large part of them are single and no good. Can we sow aster seed now and pot them in 2½-inch pots when large enough, then plant them out in the bed where the stocks are about April 15? Will the asters flower that way; that is, will the blooms be good by having them come in so early? Ought they to bloom the middle of June? We thought of growing Queen of the Market. Our idea is to get something off of the space that the stocks took up. A. B. C.

As I understand the above, you intend to keep in the double stocks until they are out of flower and then fill the bench with asters. If asters are sown at once and transplanted into flats and finally into 2-inch or 2½-inch pots you should have fine plants by the middle of April. Queen of the Market is an excellent variety for the purpose, because it is extra early. You will get fine, pure colored flowers. They should all be cut during June, at any rate in plenty of time to renew soil and plant carnations on the benches.

Years ago, when many of us did not plant carnations until the middle of September, we often used the benches in summer for a crop of asters. With late flowering varieties the trouble was the thrips. The hot summer months are paradise to these pests. If neglected for spraying and constant fumigating the asters would be fairly eaten up. It is not likely you will be troubled on so early a crop. Plenty of ventilation, spraying and fumigation will largely insure your success. W. S.

Vegetable Forcing.

VEGETABLE MARKETS.

CHICAGO, Feb. 1.—Cucumbers, 35c to $1.75 doz.; leaf lettuce, 20c to 25c case; head lettuce, $2 to $5 bbl.

BOSTON, Jan. 30.—Cucumbers, $6 to $17 box; tomatoes, 30c lb.; lettuce, 40c to 60c box; radishes, 30c box; mint, $1.25 doz.; parsley, 75c bushel; mushrooms, 50c to 60c lb.; rhubarb, 7c to 8c lb.

TROUBLE WITH LETTUCE.

I enclose a fly which has been giving us some trouble. It seems to confine its work entirely to the lettuce. They work on the edge of the leaf and cause it to turn brown around the edge. Is there any way of destroying them? The only way we have been able to get rid of them is to go around with a spatter and kill them.

I also enclose some lettuce leaves that are affected. Can you tell us what is wrong with them? We are not growing lettuce to make a business of it, just following our chrysanthemums with lettuce. We bought the plants, out-door grown, and have not done well. We had a few plants that we started ourselves inside and had them in the same house with the others. These did splendidly. Both received the same treatment and were the Grand Rapids variety. We carry a night temperature of 50 degrees, have been careful in watering and have given them all the ventilation we could. We have used nitrate of soda on them. As fast as they make new growth they become covered with this rust or whatever it may be. We used hardwood ashes in the soil before planting. K. & M.

The fly you sent is entirely new to me but I have no doubt hydrocyanic gas would kill it though two or three applications might be necessary. With an egg producing insect, gas will not kill the eggs and an application would be necessary as the eggs hatch out, care being taken to do it before the fly reaches the adult or egg laying stage. It might pay you to spend a little time in learning something of the life history of the fly, as by learning how the young are produced, and how long it takes them to reach maturity, you would know just when and how often it would be necessary to apply the gas to effect their extermination.

The lettuce sent is affected with a fungus disease. Since the plants you started from seed have done so well I am inclined to think that those you bought were not the true Grand Rapids variety but some variety unsuitable for forcing, which would account for its falling an easy prey to disease. Your night temperature is rather high; 45 degrees is quite high enough. At this temperature you will get a firmer, better growth. Wood ashes in the soil is all right but I would rather do without the nitrate of soda. If you give your soil a liberal dressing with well decomposed barnyard manure before setting out your plants the application of liquid manures should not be necessary.

W. S. CROYDON.

TOMATOES IN POOR SOIL.

I grow tomatoes in solid beds in a house 90x116 and have not changed crop or soil for three years, using commercial fertilizers. The soil is now infested with nematodes. Would sterilizing the soil help and could it be done without removing the soil from the greenhouse? A. L. H.

It is not at all surprising that your

soil should have reached a condition in which healthy plants can no longer be grown, seeing that you have grown the same crop exclusively for three years without changing your soil. Of the nematode theory I am a little doubtful and, although sterilizing might help your soil, it would by no means put it back into a thoroughly fertile condition. Having used commercial fertilizers exclusively the soil is no doubt overcharged with certain chemical substances, while others are lacking. You do not say what fertilizers you have used but I know of no commercial fertilizer that can be classed as a complete manure. The barnyard article is the nearest approach to a complete manure that can be had. Again, the same crop grown successively is robbing the soil of the same ingredients year after year, and unless you go into a thorough chemical analysis you could not tell just what the soil contains. Even outdoors I would not think of growing tomatoes in the same soil for three successive years, despite the fact that outdoors the soil has the advantage of the purifying influence of the atmosphere.

Judicial rotation of crops is considered one of the most essential elements to success in horticulture as well as agriculture, but under glass rotation is not often possible and the only thing that can be done is to renew the soil. This I would advise once a year if it can possibly be done. The matter of soil is sometimes a serious question but the difficulty is not hard to surmount if you can secure a piece of land for soil purposes. When you remove the sod to make up the soil heap, cover the ground stripped with the soil taken from your benches or beds and sow down in grass and clover. Let it remain thus for two or three years and it will be just as good as if it had never been used for greenhouse work. If enough ground can be had so that you can strip one-third of it every year, you can keep up a continuous supply of good soil. W. S. Croydon.

GROWING LARGE ONIONS.

Where extra large onions are desired the present is a good time to begin operations. Procure seed of some of the large-growing varieties. Prizetaker and Ailsa Craig are both good ones. Sow in a rather free soil in flats and place in a temperature of 60 degrees. Water rather sparingly until the onions are well up. When the plants are large enough to handle, lift in bunches and shake the soil from the roots as carefully as possible. It is here where free soil has an advantage over stiff, heavy soil, which will not shake off so readily. Prick into flats again, allowing about an inch between the plants. As the soil should be richer than formerly used, the addition of some finely sifted, dry horse or cow manure will be advantageous, but the soil should still be free. Set in the same temperature as before for three or four weeks. By this time they will have made quite some growth. Then lower the temperature and gradually harden off preparatory to planting out.

The time of planting out will depend a good deal on the season, but as a rule this can safely be done about the middle of April. A light frost will not hurt them, but heavy frost would give them quite a check. A piece of good ground should be chosen, and this should be liberally enriched with manure. They can be set from twelve to fifteen inches between the rows, according to the amount of ground at disposal. The wider the rows are apart the more convenient for cultivating. Five inches between the plants in the rows will be about right; this space they will pretty well fill, providing good culture and liberal feeding are given. With this they can be had as large as fifteen inches in circumference.

Considering the extra care necessary, it would hardly pay to grow onions by this method for general market purposes; it is mainly as an exhibition article that they are thus grown. The forced growth naturally produces a rather soft onion, and they cannot be depended on to keep like smaller, firmer onions. When I first started to grow by this method I used the Prizetaker variety and I laid the poor keeping qualities to the variety. To satisfy myself of this, one year I tried several varieties. Among them were Yellow Globe Danvers, Southport White Globe and other good keeping varieties, but I found that they went just as bad as the Prizetaker in the same room where smaller, firm onions of the same varieties kept well, thus proving that it was the forced growth that lay at the root of the trouble. W. S. Croydon.

BEST EARLY TOMATO.

What is the best early tomato for planting outdoors for market? It should be of good size and smooth.

L. F. W.

Earliana and Freedom are both good. In either case the fruits are smaller than the general crop varieties, but these are the largest and best of the very early sorts. W. S. Croydon.

HOUSE FOR LETTUCE.

I wish to build a house 20x100 for lettuce. Would a three-quarter span house be better than an even-span house and how high should the ridge be if the side walls are four feet high? I should be glad of any other hints on building a house adapted to my purpose.

J. W. R.

I would prefer an even-span house for lettuce forcing. Ten feet high at the ridge ought to give a good pitch to the roof and will be quite high enough for your purpose. It is unnecessary to build raised benches for lettuce; it does much better on the floor of the house or in solid beds. By constructing solid beds, raising them a foot or more above the ground level it would bring your plants better up to the light but if you do not care to go to this trouble they can be grown all right on the ground floor. W. S. Croydon.

NEW YORK.

The Market.

The last week was a record breaker for disagreeable weather, the market not suffering so seriously in years. Not only was the temperature at times below zero, but the blizzard was unequaled in its fury and injury to business since 1888. Some days there were neither shipments nor business and even now, after a week of effort, the blockade continues to yield loss and disaster. The drifts in Twenty-eighth street hide the wholesalers from each other and thereby encourage speculation. January has gone out like a lion.

Many shipments have arrived frozen. A dozen reasons appeared for the enormous supply of pickled carnations on Saturday. Evidently the growers had heard of McKinley day, but the demand was hardly noticeable. Prices asked in the early morning of Saturday were cut in two before the evening and still the expected demand did not materialize. The day was a disappointment. The prices of roses and carnations are also depreciated by the enormous quantities of bulbous stock, narcissi and tulips especially, now flooding the market. These were bought for decorative work in thousands.

With the coming of better weather social events will be resumed and normal conditions will again prevail. Some of the grandest balls of the year are close at hand.

Various Notes.

Annual dinners are not yet exhausted. On Friday of this week the New Jersey Floricultural Society celebrates its tenth anniversary at Elks' hall, Orange, N. J., and on Saturday evening, at the St. Denis Hotel, the New York Florists' Club has its annual banquet. Don't forget it, and if you have not secured your tickets when you read this, wire Chairman Sheridan and get there. Already sixty tickets have been sold. There should be an attendance of 100.

A week from Monday will be carnation night at the New York Florists' Club. Many of the leading carnationists will send the new varieties and attend. A fine entertainment and luncheon will be furnished the ladies and a large attendance is sure. The evening promises to be the best the club has ever enjoyed. Exhibitors can express their flowers to Secretary Young, for care and staging.

Mrs. Bourgue, of Yonkers, wife of Edward Bourgue, salesman for C. A. Dards, died suddenly of heart disease on January 20.

H. B. O'Dell is not in the service of W. Elliott & Sons and R. McNeff is now their traveling representative.

Jos. Leikens has completed his conservatory and is rapidly building up a metropolitan business, ably assisted by Mrs. Fenrich, whose attention to details and artistic work is proving of valuable service.

James Carrol, with Mackintosh, is fully recovered from his serious illness and, as usual, has some wonderful Easter novelties up his sleeve. Every one of his Christmas novelties was sold long before the holidays were over.

Forsythia, heather, primroses and Croweanum fern made a beautiful combination in Small's windows last week. All the prominent retailers are doing artistic window decorating.

Bronchial sickness and la grippe still prevail among the trade. It is hard to name any one who has been exempt from these things and some are still seriously ill.

All passenger rates on the L. I. R. R. were raised thirty to fifty per cent on February 1, an unexpected event that will be felt seriously by the army of cut flower merchants who bring their products to the market every morning.

J. H. Pepper was held up at Thirtieth street and Lexington avenue last week

Monday night and not only robbed of $30, keys and valuable papers, but battered and bruised.

Moltz, of Twenty-sixth street, moved February 1 to the Coogan building, occupying two rooms on the first floor.

New York visitors to the carnation convention are gradually returning to their homes and all unite in the opinion that the Chicago convention was the best ever enjoyed.

Bowling.

The return match between Madison and New York resulted as I prophesied a week ago. The men from the country lost their flag and went home well beaten. Following is the score:

Madison.	1st	2d	3d	T'l
Duckham	136	146	185	467
Robbins	117	136	136	389
Keating	134	182	133	449
Plusch	112	181	158	451
Totty	126	91	101	318
Cook	145	158	183	486
Totals	770	894	896	2560
New York.	1st	2d	3d	T'l
Holt	121	200	125	446
Kessler	202	176	169	547
O'Mara	138	157	131	426
Ford	141	184	127	452
Siebrecht	138	142	176	456
Fenrich	130	167	129	426
Totals	870	1026	857	2753

Cold weather made a light attendance on Monday evening. The following scores were made:

Player.	1st	2d	3d	4th
Ford	131	165	188	139
Manda	134	191	180	122
Wallace	110	154	159	135
Shaw	128	110	114	151
Fenrich	..	194	147	150
Holt	..	...	132	134
Hoffmeyer	..	...	...	129
Craw	..	...	...	114

J. AUSTIN SHAW.

BOSTON.

The Market.

Weather conditions have been of a decidedly wintry nature the past week. The blizzard of January 24 and 25 was the worst we have experienced for a number of years. Its effect on steam and electric railroads was such as to make it difficult for growers coming to the market for a couple of days. Those who arrived found little demand. The passing of the storm found much improved conditions, the market cleaning out capitally.

Roses maintain previous quotations. Nearly all the growers report their plants as being off crop and receipts are considerably reduced. Best quality Brides and Maids continue to sell as high as $20 per hundred, good grades bringing $8 to $12. Carnations are in good supply but have sold well. Violets have been in rather shorter supply. Prices were from 50 to 75 cents per hundred. Callas and Easter lilies average $12.50 per hundred. Tulips sell from $2 to $4, according to quality. Yellow Trumpet narcissus is now of good quality. Some very fine Golden Spur are coming in. There has been a very fine demand for white bulbous stock. Some very nice antirrhinums and sweet peas are coming from several growers and freesia is of fine quality. There has been a good demand for Asparagus Sprengeri and adiantum.

Various Notes.

On February 11 the mid-winter exhibition of the Massachusetts Horticultural Society will be held. Quite a number of prizes are also offered by the Park street and Music Hall flower markets. In all there are sixteen classes for carnations, also others for violets, sweet peas, mignonette and roses and in pot plants Primulas Sinensis, stellata and obconica and Begonia Gloire de Lorraine are provided for. A fine exhibition is assured and it will pay introducers of novelties to send them on to this show.

At Horticultural Hall on January 28 in place of the regular lecture a discussion on fruits took place, led by E. W. Wood, of Newton. On February 2 another fruit topic holds the boards.

The Gardeners' and Florists' Club will hold a field day among the market growers of vegetables in Arlington on March 11.

We are all glad to learn the American Carnation Society will meet in Boston next year. The carnationists in this section will strive to make it the best convention ever held.

Alexander McKay, for some years gardener to Mrs. A. W. Spencer, of South Framingham, has purchased ten acres of good land close to the line of the Boston and Worcester electrics and thinks he may build next spring and go in business on his own account. Mr. McKay grew some of the finest violets, hybrid roses and chrysanthemum blooms ever exhibited in Boston while with the late David Nevins and at his present stand. No such double violets were ever shown in Boston and we are sure he will be successful in a commercial way.

Galvin showed some fine Dendrobium Wardianum the past week, also a fine lot of Cattleya Trianæ and C. Percivaliana and other seasonable orchids.

M. H. Norton, who recently opened a store at Park street, reports business as very satisfactory. He has had quite a number of decorations of late.

W. N. CRAIG.

ST. LOUIS.

The Market.

The retail trade during the cold snap has been at a standstill, transient trade suffering most. The only business done was with the telephone. Stock at the wholesale houses has shortened up in almost everything except bulbous stock and violets, which are still very plentiful in all grades. New crop lily of the valley has been in stock for some time, with deficient foliage. Dutch hyacinths are looked for daily. Harrisii and callas are enough for the demand. Among the rest are a few freesia, Von Sions and tulips.

Carnations had the greatest call on Saturday and Sunday, owing to McKinley day. Pink was favored but white and red sold clean on those two days at advanced prices. Extra fine Lawson and Enchantress sold as high as $6 per hundred. The scarcity on all kinds of roses was very apparent the past week, all light colored stock selling clean. Not near enough Brides came in for the demand, so Ivory, Golden Gate and Carnot sold better than they have been.

Violets are by no means selling clean. Plenty of extra good California and doubles are in the market. Californias are down to 50 cents a hundred for choice. Smilax, asparagus and galax leaves sold well last week. Of this stock the market has had a big supply all season.

Various Notes.

Simplicity prevailed at the mid-winter school commencement. The school board openly stated that no flowers should be sent to any of the graduates. This order hurt the trade considerably, although some flowers were sent in spite of this sweeping order, which the fair graduates claim is not much to their liking.

Robert Beyer sustained a terrible loss the past week. His youngest son, Robert, Jr., three years old, set fire to his clothing while playing in one of the greenhouses. Robert himself was badly burned in trying to put out the flames. The little one died early the next morning after great suffering. The funeral took place on Saturday afternoon. The family has our deepest sympathy.

Joe Hauser, of Webster Groves, lost his entire plant by fire last week. The place was formerly run by Wm. Clamp. There was no insurance and Mr. Hauser not being in good circumstances, a collection is being made among the trade to give him a new start.

Arnold Ringier, representing W. W. Barnard & Co., Chicago, has spent a week among the trade.

Fred Weber and Theo. Miller were the first of the St. Louis delegation to return from the American Carnation Society meeting at Chicago. They report a great show and a good time, also that the rest of the delegation would make the rounds of the carnation belt in Indiana before returning home.

The Florists' Club meeting next Thursday afternoon will be the most important meeting of the year. A grand display of new carnations is promised. These the committee in charge have placed in four classes for the home growers and four for the outside growers, giving each $25 in prizes. Most of the local growers who are club members report that they will make exhibits. For the meeting the following question has been sent to the committee: "What should be the requirements of a new carnation to entitle it to a certificate of merit from our club?" This question has been assigned to J. F. Ammann. The question "Which was the best pink, white or red carnation for commercial purposes at the Chicago show?" John Steidel will answer. "Which of the new varieties exhibited at the Chicago show is best for our local growers to buy?" A. Jablonsky will answer. "The exhibition from a retailer's standpoint and for the benefit of the growers" will be discussed by Fred C. Weber.

Edward Troy, who was chief clerk in the departments under F. W. Taylor at the World's Fair, will remove to Washington, where he has secured a position in the bureau of plant industry. The St. Louis florists who have learned to know Mr. Troy will be glad to meet him next summer during the S. A. F. convention in Washington. J. J. B.

CINCINNATI.

The Market.

The second McKinley day has passed and, notwithstanding the fact that it was on Sunday, great quantities of carnations were sold and at very good prices. Owing to the cold, dark weather recently, many of the growers held back on their cuts and so there was plenty

FANCY WHITE LILAC, $1.50 per doz.

On account of the extra demand we had to refuse quite a large number of orders for White Lilac last week. The crop which is now ready we think is large enough to supply all orders and the quality is the best of the season.

FANCY LILY OF THE VALLEY--Long stems, large bells, strictly fancy stock, $4.00 per 100.

LA REINE TULIPS--Long stems, plenty of color, the best the market affords, $4.00 per 100; short tulips, $3.00 per 100.

HUDSON RIVER VIOLETS--We never had anyone deny the fact that **OUR** violets are the largest, sweetest and best in Chicago.

CARNATIONS--A fine assortment of extra well grown stock and many fancy varieties.

ROSES--Extra fine, especially in Brides and Maids. A full line of Cut Flowers. If you do not receive our price list we should like to send it to you.

A. L. RANDALL CO.

WHOLESALE FLORISTS

21 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

of stock to fill all orders. There were not nearly so many blooms seen in buttonholes as last year, but many a house had a little decoration of carnations.

The supply of stock at present is very light but all the houses seem to be able to fill orders without trouble. White and pink roses are the shortest and Beauties are in the best supply. The price all along the line has been raised. Good Brides and Maids now bring $10 to $12 per hundred, best Beauties $5 per dozen. Carnations are coming heavier than roses but are cleaned up nicely. Violets are about equal to the demand. Bulbous stock and greens sell well.

Various Notes.

All the boys are back from the carnation meeting and many are the praises heard about the treatment received at the hands of the Chicago Florists' Club. E. G. Gillett said that the show of blooms was very fine and he felt well repaid for his trip. Of course R. Witterstaetter was disappointed in not being able to compete, but judging from the reports, his exhibit was the center of attraction. Ed. Foster, Will Sunderbruch and J. A. Peterson were equally well pleased.

Our annual rose show, to be held February 11, is moving along nicely and a good display is looked forward to. All growers who have anything new or of extra quality are cordially invited to exhibit. Besides the regular classes the S. A. F. silver and bronze medals are up for competition. They are well worth the winning.

Park Superintendent B. P. Critchell's salary has been raised to $2,500. The board of public service of this city surely is to be congratulated on this move, as Mr. Critchell is the best all-round man that we have ever had at the head of our park system. When you take into consideration the small amount of money with which he had to do his work, the results are little short of marvelous.

I regret to report the death of Mrs. Frank, wife of Adam Frank, of Westwood. Mr. Frank is one of the oldest florists in this part of the country and is well known by all the craft.

Chas. D. McCrae has gone to Lexington, Ky., to take charge of Hardesty & Ootes' retail store. Since his arrival there he reports trade as first-class, and good prospects for the future.

Visitors have been many during the past week. Florists on their way to and from the convention stopped off here. Mr. Chas. W. Crouch, of Knoxville, Tenn., spent several days visiting the various growers. Others were J. T. Herdegen, Aurora, Ind.; O. C. Oberlin, Georgetown, Ky.; R. G. Boehringer, Bay City, Mich.; Chas. Frueh & Son, Saginaw, Mich.; Fred Breitmeyer, Detroit, Mich.; E. W. Guy and J. F. Ammann, Edwardsville, Ill., and E. Dailledouze and wife, of Flatbush, L. I.

C. J. Ohmer.

CHICAGO.

The Market.

McKinley day did not bring the anticipated increase in the demand for carnations. Growers held back to work up a supply for Saturday, with the result that prices were better all through last week than they were on Saturday, when large lots could be bought on very reasonable terms. In spite of this, however, a good business was done and it is quite within the bounds of possibility that McKinley day may yet cut some figure in years when the temperature is somewhere near the freezing point. This year it was nearer zero. This week supplies are again normal and the market steady.

The situation in other departments remains practically unchanged. There is still a shortage of tea roses, with enough Beauty to meet all requirements, although the receipts are gradually diminishing. Liberty is not plentiful, but appears to be in little demand. There are plenty of violets and all other items of seasonable cut flowers. The receipts of sweet peas are not large and are cleaned up promptly each morning. Other stock is more or less slow sale except that tulips are doing a little better, as there are now several colors and the stems are gaining length. Green goods are in fairly steady demand and moving at profitable prices.

The January Business.

From a wholesaler's point of view January, 1905, was not up to January, 1904, in spite of the fact that the Iroquois disaster a year ago made the month a dull one socially. Beauties sold at half last year's price; never were they so low in January. Tea roses have been in very short supply all the month. Carnations were a glut until more than half the month was gone. The first fortnight was, moreover, exceptionally quiet. All these causes operated to work a decrease in the aggregate of sales.

In view of this it would seem that the gardeners' union, which has been heard from again, had chosen an inauspicious moment to negotiate for another increase in wages.

Various Notes.

The board of directors of the American Carnation Society asked Phil Hauswirth to make the carnation piece which the members had ordered sent to Canton to be placed on the tomb of President McKinley January 29. Mr. Hauswirth used Lawsons in a four-foot wreath, which was shipped Saturday night and reached Canton safely. It was a credit to the society. The Commercial Club held its annual banquet at the Auditorium last Saturday night and Lawson carnations were used for the decorations, which were in charge of Mr. Hauswirth. The carnation convention arrangements were largely left in Mr. Hauswirth's charge and he applied to them his indefatigable energy, with the result that everything was conducted to the complete satisfaction of those who contributed to the entertainment fund.

A skillful pickpocket relieved W. N. Rudd of his watch at the Auditorium last Thursday evening, but the house detective recovered it promptly. A large number shared in the reward.

The growers were in hopes that this winter would let them off with a lighter coal bill than the average to make up

At the Carnation Convention a speaker said the Chicago market was from

Pittsburg to Denver
Duluth to New Orleans

If you do business in this territory we can supply your needs, and want your orders. All cut flowers in season.

....FANCY VALLEY ALWAYS ON HAND....

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones { 1978 and 1977 Central. 7846 Automatic

AMERICAN BEAUTY,	Per doz.
30-36-inch stem	$4.00 to $5.00
24-inch stem	3.00
20-inch stem	2.50
15-inch stem	2.00
12-inch stem	1.50
Short stem	.75 to 1.00
	Per 100
Brides	$6.00 to $15.00
Bridesmaids	6.00 to 15.00
Meteor	6.00 to 15.00
Golden Gate	6.00 to 15.00
Chatenay	6.00 to 15.00
Carnations	2.00 to 3.00
" large and fancy	4.00 to 5.00
Violets	.60 to 1.00
Valley	2.00 to 4.00
Callas	per doz., $1.50
Paper Whites, Romans	3.00
Tulips	3.00 to 4.00
Jonquils	4.00
Sweet Peas	1.50
Mignonettes	.50 to .75
Asparagus, per string, 35c to 50c	
Asparagus Sprengeri	3.00 to 5.00
Ferns	per 1000, $2.00 .25
Galax	per 1000, $1.25 .15
Leucothoe	.75
Adiantum	1.00 to 1.50
Smilax	per doz., $1.50 to $2.00 10.00
Wild Smilax, 25 lb. cases	3.00
" " 35 lb. cases	4.00
" " 50 lb. cases	5.00

Subject to change without notice.

Mention The Review when you write.

for the heavy drain of last season, but 1905 shows a deficiency of 164 degrees over the normal temperature for January.

Stollery Bros. say that they have about 200 Crimson Ramblers in course of preparation for Easter and spring sales and that when these are gone they are through with it. They do not find it a profitable forcing plant and for planting out it is unsatisfactory on the north shore unless given special attention. To succeed it must be planted in a big hole with a foot of cow manure and then heavy clay soil. And it must not be against a wall, as so many want it.

When the George Wittbold Co. rebuilt the Buckingham place store last summer, provision was made for a cold storage room underneath where there are now thousands of potted bulbs to be brought on for spring sales, also a quantity of rhododendrons, etc. The room can be kept at any desired temperature.

The Benthey-Coatsworth Co. reports that Liberty is this year the most profitable rose on the place. They are two-year-old plants and the first year did not pay for their board; in fact, half a house was thrown out. In view of this season's results they wish they had kept them all.

C. L. Washburn says that he took home a few blooms of M. A. Patten's new carnation, Mikado, after last week's show, and has them yet. It is a variegated, with much more color than Prosperity.

The E. F. Winterson Co. is busy this week taking inventory in the supply department.

Kennicott Bros. Co. says the sale for galax is very heavy, wreaths of this material being very popular for funeral work.

Lubliner & Trinz have opened a branch store at 176 State street.

A. L. Randall Co. reports a very large call for white lilac.

J. E. Jensen on January 31 resigned his position as foreman for the J. D. Thompson Carnation Co. at Joliet and his fellow employees made his departure the occasion for presenting him with a Masonic emblem. Mr. Jensen will make a trip to the west before he closes a new deal. He will be succeeded at Mr. Thompson's by another of Peter Fisher's graduates.

The club will meet February 9. Business of importance is scheduled.

PHILADELPHIA.

The Market.

Business has resumed its normal condition, interrupted by last week's fierce storm. On one day, Thursday, the express companies declined all shipments of flowers, while for two days and a half there were no trains over the Baltimore Central railroad. The wholesalers distributed the Long cards advertising McKinley day, but it did not seem to create much popular enthusiasm, owing possibly to the unfavorable weather. Shipments of carnations were so light that they would not have sufficed for much more than the common business.

The opening event of this week was Founders' day at the Union League, celebrated on Monday. There were many distinguished guests, among them the President of the United States. The club house was elaborately decorated with American Beauties, Liberties, tulips, daffodils and other spring flowers, with wild smilax and plants by the Wm. Graham Co.

The increase in the quantity and variety of spring flowers is a feature of the market. Single tulips are to be had in all the leading colors. First double daffodils have made their appearance, while freesia and white lilacs are at their best. Cattleyas have sold well but are getting scarcer. Other orchids are about over for the present. Gardenias are much more plentiful and have fallen in price. Carnations and all kinds of greens have been selling well. Beauties took a jump last week but, while in demand, they have fallen this week. Brides and Maids are scarce; many more of the best could be used. Valley is selling better. Violets are only in fair demand. Callas sell well.

A Fine Decoration.

J. J. Habermehl's Sons arranged a very handsome decoration in the ball room of the Bellevue-Stratford on Tuesday evening for Ex-Senator Emory's dinner to his old associates at which 106 gentlemen were seated at a square table adorned with long-stemmed Enchantress carnations in tall vases. The boutonnieres were of the same flower. The hollow space in the center of the great square formed by the table was completely filled by a beautiful garden scene arranged in pink, white and green. There were choice specimen plants of azaleas in garden vases, with beds of tulips here and there relieved by the restful green of wild smilax lying grass-like on the floor.

A New Company.

On the fourteenth day of December, in the year of our Lord one thousand nine hundred and four, certain citizens of the town of Atco, in the state of New Jersey, incorporated as the L. K. Peacock Co. Their object was to form a strong concern that would enable L. K. Peacock, the famous dahlia specialist, to further enlarge his big industry. In a word, as he expressed it, to "do things as he would like to do them." The incorporators include the head men on the place.

The immediate results are a great increase in land for dahlia culture and a wonderful new packing shed. The noise of these things having reached the REVIEW, that most progressive paper, Phil was promptly dispatched, despite cold and snow, to Atco to see what was doing. Mr. Peacock's carriage was in waiting, driven by a former fellow townsman and Mr. Peacock himself was at the greenhouses with a hearty welcome.

The increase of land owned and leased is very large. The home farm at Atco now consists of 160 acres and the new farm, one mile out of town on the Pennsylvania railroad, consists of 208 acres. Little more than one-third of these large tracts will be planted next season. Some of the ground will be used for other purposes, and some may be or may not be

WHITE LAWSON

Which we introduced last season has given great satisfaction, and has proved to be

THE FINEST WHITE CARNATION EVER SENT OUT

Remember that we are headquarters for it. The demand will undoubtedly exceed the supply this season, and in order to secure early delivery, no time should be lost in placing order. We are now booking orders for early January delivery. Orders will be filled strictly in rotation, as received, so the earlier orders are booked, the earlier deliveries can be made. We can supply

First-class strong rooted cuttings, $7.00 per 100; $60.00 per 1000.

Also all the other novelties of the season, **FIANCEE, CARDINAL, FRED BURKI, etc.**

Also the cream of the older sorts, **Mrs. M. A. Patten, Daheim, Enchantress, Flamingo, Mrs. Thos. W. Lawson, etc.**

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

used until the next year. It is found that an occasional rest is beneficial to the soil, dahlias proving as exhausting as other crops when continued year after year without change. It is also found that wire worms and other pests are apt to infest soil that has remained idle, causing great damage to the dahlia. To prevent this a season of working and then a good freezing is very beneficial.

The second important change since last September is the addition of a very fine storage cellar and packing shed 102 feet long and thirty feet wide. This structure, which, though in use, is not quite finished, is admirably adapted to its purpose. The cellar, which is about eight feet deep, is filled with slat bins mostly six feet square that reach nearly to the joists above. Each bin contains one variety of dahlia roots in nice plump condition, air being admitted through the slat sides of the bins and frost being kept out by a single steam pipe that runs around the stone walls forming the sides. The bins are filled by means of large trap-doors in the shed above. The wagons drive from the dahlia fields in the fall to the shed. The baskets filled with dahlia roots correctly labeled are handed in through the windows or door of the shed, passed through the trap-door and the contents deposited in the proper bin in the cellar below. The shed is fitted up with long packing tables and is also heated by steam. Above is a storage room, in which it is proposed to store more dahlias.

The shed and cellar have been built and piped by the employees of the place. It will be seen at a glance from the above description that a great saving in labor will be effected, as well as an improvement in the condition of the roots when shipped. Some orders were ready, carefully packed. It is proposed another season that all orders received before the roots are dug in the field will be packed in baskets in the shed directly the stock is received from the wagons and then stored away until needed in the spring. Mr. Peacock said that half a million roots went out last spring, in addition to 400,000 growing plants, chiefly in 2-inch pots.

The houses are filled with dahlia roots started about January 1 in four or five inches of soil, very close together. Some were not yet started. Some had eyes just swelling, while some, among them Mrs. Roosevelt, had shoots ready for propagating. The propagating houses are kept about 62 degrees both in the sand and in the air and shaded with muslin on bright days. The first crop of cuttings are softer and more difficult to root than the later cuttings.

The new arrangement will give Mr. Peacock the opportunity to devote himself to hybridizing and growing dahlias, of which he has made so marked a success.

Various Notes.

The fakirs were ordered off the streets by the city authorities last week. It probably saved them from severe colds, but like the buds they are expected back in the spring.

J. S. Prell will open a nice flower store at 109 North Fifteenth street next Monday. A. Kremburg will be his chief assistant.

M. Rice & Co. are offering special aid to the wedding decorators, wedding gates, cords, kneeling stools and screens being features.

Robert Scott & Son will erect a new house of great size, 54x180 feet, during the coming season.

L. R. Hancock, of Burlington, N. J., is sending very fine freesia to the Leo Niessen Co.

The Flower Market is handling W. K. Harris' fine white lilac.

The Philadelphia Cut Flower Co. is handling fine callas, mignonette and white lilac.

Edward Reid is receiving his usual high grade carnations.. Mignonette and white lilacs are also choice here.

E. Bernheimer is getting fine Golden Gates, mignonette and white lilacs.

Berger Brothers have a great variety of showy single tulips.

Pretty pale blue myosotis with long stems will be S. S. Pennock's specialty for St. Valentine's day.

Wm. J. Baker's fine freesia comes from M. J. Brinton, of Christiana, Pa.

S. S. Pennock and E. A. Stroud returned on Sunday from a two days' visit to Chicago. Mr. Pennock says that the carnation show was very fine. He especially admired My Maryland, H. Weber & Sons' new white, and was pleased with Fiancee and Robert Craig. The visitors saw all the Chicago wholesale houses.

Harlowarden is one of the Leo Niessen Co.'s new crimson carnations.

The Leo Niessen Co. has been receiving heavy shipments of daffodils and tulips. Mr. Niessen reported business brisk on all lines.

The Henry F. Michell Co. reports an excellent out of town demand for flower seeds.

Berger Brothers have postponed removing their business to the Flower Market for a couple of weeks.

Edwin Lonsdale has undergone an operation. His many friends will be glad to know that he is doing nicely.

Answers to Correspondents.

REVIEW readers are invited to send any questions relating to culture and marketing of plants and flowers in Philadelphia to Phil, in care of any of the leading seed or commission houses or the Flower Market. Each question will be submitted to a competent person and answered under number. Correct name and address must always accompany inquiry, but will not be published.

27.—I enclose a clipping that may interest you. Please tell me why the writer (G. C. W.) hits you so hard? I do not understand why he started a discussion on getting rid of fakirs when he is for them.

Neither do I.

28.—I see in your notes that daffodils are good stock this season. I gave them up because they didn't pay. Do you advise trying them again?

I would not waste time with anything that did not pay. PHIL.

It will be carnation night at the Florists' Club of Philadelphia on Tuesday, February 7, when it is hoped and expected that all the meritorious varieties, whether new or old, will be on exhibition. If they cannot be brought to the meeting, they may be sent prepaid by express in care of David Rust, Horticultural Hall, Broad street, Philadelphia, Pa. EDWIN LONSDALE, Sec'y.

We Produce First Grade Stock in Such Great Quantities that

WE CAN FILL SHIPPING ORDERS

FOR SELECT STOCK AT ANY TIME.

AMERICAN BEAUTY—			Bridesmaid	per 100,	$6.00 to 12.00
Extra long stem	per doz.,	$4.00 to $5.00	Bride	"	6.00 to 12.00
30-inch stem	"	3.00	Golden Gate	"	6.00 to 12.00
24-inch stem	"	2.50	Chatenay	"	6.00 to 12.00
20-inch stem	"	2.00	Liberty	"	6.00 to 12.00
15-inch stem	"	1.50	Meteor	"	6.00 to 10.00
12-inch stem	"	1.25	Carnations, good	"	2.00 to 3.00
8-inch stem	"	.75	" fancy	"	4.00

All other stock at lowest market rates—No charge for packing. Prices subject to change without notice.

WIETOR BROS. 51 Wabash Avenue CHICAGO.

Mention The Review when you write.



A

Daily Cut from 40 to 50 Growers

We can and will fill your Cut Flower wants to advantage.

Plenty of **BEAUTIES, MAIDS, BRIDES,** etc.
CARNATIONS, VIOLETS, BULBOUS STOCK, etc.
ALL GRADES.

Shipping orders our specialty. Write, telephone or telegraph.

Long Distance Phone 1129 Main.

Headquarters for HARDY FERNS and WILD SMILAX.

Most complete line of

FLORISTS' SUPPLIES IN THE WEST.

—— CATALOGUE FREE ——

E. F. WINTERSON CO.

Established 1894.

45-47-49 Wabash Ave., CHICAGO.

Mention The Review when you write.

MERAMEC HIGHLANDS, MO.—Nicholas Himmer has been busy building and getting his place in shape and now has things going nicely.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

SITUATION WANTED—In florist store with chance to learn design making by young man, age 21, experienced in greenhouse work; speaks both English and German. Address Wm. Eifler, 1915 2nd Ave., Altoona, Pa.

SITUATION WANTED—By German, 33; in retail florist store; life experience; decorator, designer, etc.; able to take charge; best reference; last position 3 years. Address E. B. Box 245, Spencer, Mass.

FOR SALE—4000 feet glass and sash bar; 1500 feet 4-inch cast-iron pipe; also greenhouses with dwelling; good location. Address No. **129**, care Florists' Review, Chicago.

FOR SALE—Greenhouse of 7,500 feet; a thriving city of 10,000; well stocked with carnations, roses and other plants; for particulars, address R. C. Eisele, 2440 Center St., Baker City, Oregon.

SITUATION WANTED—By young man of 20, of good habits; to learn the trade, willing to work and anxious to learn; experienced farm hand; will go anywhere if opportunities are good. Address No. **128**, care Florists' Review, Chicago.

SITUATION WANTED—As a carnation grower by a sober industrious young man; good reference as to character and ability; state wages. Address No. **127**, care Florists' Review, Chicago.

SITUATION WANTED—By a first-class grower of Beauties, teas, carnations and general stock; used to retail trade; Scotch; married; highest reference in regard to character and ability from present employers. Address No. **126**, care Florists' Review, Chicago.

WANTED—Position as working foreman by March 1st; am A1 rose and carnation grower, mums and general line of pot plants; single; middle-aged; good worker and able to take charge; first-class references as to sobriety and ability. Address H. M. 810 John Street, Kalamazoo, Mich.

WANTED—A single man who is well up in roses, carnations, mums and a general line of bedding plants; also capable of managing help if required: state experience, references and wages wanted with board and room. Address No. **125**, care Florists' Review, Chicago.

WANTED—A young man with some capital and good references; may find work at fair wages, in a greenhouse in central Ohio; doing a good business and when satisfied, a good chance for a partnership or to purchase. Cheap gas; good outlook. Address No. **124**, care Florists' Review, Chicago.

FOR RENT—House, barn, with 12 acres rich deep black soil; three large springs; fish ponds, etc; especially adapted for gardener or florist; only 2¼ miles to court house; city of 80 000 people; splendid home market, sixteen railroads; river and canal facilities. Address H. W. Williams, 508 Ravine Ave., Peoria, Ill.

FOR RENT—House, large barn sheds, etc., with 10 to 25 acres of farm and pasture land; one-half is rough and rolling; nice location for fruit and chicken farm. Address H. W. Williams, 508 Ravine Ave., Peoria, Ill.

FOR SALE—I have four acres of very fine land on which are two large greenhouses, 23x200 each; a rhubarb plat for forcing; home water system; modern 9-room house, etc.; fine for florist or truck farm. Land yielded potatoes at the rate of 500 bushels per acre. One mile from the center of the city; 10 000 population. Address W. F. Preston, Dixon Ill.

FOR SALE—Seven acres of land at Park Ridge, Ill.; fine soil and well adapted for greenhouse purposes. Terms easy. Address A. L. Randall, 19 Randolph St., Chicago.

FOR SALE—At a bargain, an up-to-date greenhouse 8500 square feet of glass 2½ acres land; 50 miles from Chicago; will sell all or any part of the land. J. Sanstrom, Momence, Ill.

SITUATION WANTED—By young man with several years' experience in city retail store; capable decorator and maker-up; married. For full particulars address No. **119**, care Florists' Review, Chicago.

WANTED—To lease, a place of not less than 12 000 feet of glass; to grow cut flowers; same must be in good condition and not far from Chicago. Address No. **113**, care Florists' Review, Chicago.

SITUATION WANTED—By a practical florist; German; single; middle aged; 15 years' experience; cut flowers, palms, ferns, bedding plants, forcing and earlier stock. Address No. **114**, care Florists' Review, Chicago.

WANTED—Young man with some experience as decorator and maker-up. Address Ocean Park Floral Co., Ocean Park, Cal.

WANTED—A foreman for our city greenhouses. We grow roses, mums, and a general stock for the retail trade. Address Salter Bros., Rochester, N. Y.

WANTED—A young man as florist's assistant; one used to horses and field cultivation; good home and chance to advance; wages $25 00 per month and board. Address with references I. Merwin Rayner, 81 Front St., Greenport, N. Y.

WANTED—A young man as shipping clerk, with experience in the packing room and care of stock. Must be temperate. Address United States Cut Flower Co., Elmira, N. Y.

WANTED—Man who understands growing carnations, also general work, must be temperate; steady place for right man; state experience and salary wanted; give references. Thos. E. Adams, Box 1044, Lowell, Mass.

WANTED—A good florist, who thoroughly understands the growing of roses, carnations, and general greenhouse stock, for a growing commercial place in a southern town of about 40 000 inhabitants; must be reliable, sober, industrious, and competent; position open early this spring. Address No. **118**, care Florists' Review, Chicago.

FOR SALE—To settle estate; Tripple greenhouses; fully stocked; up-to-date; retail trade extra fine; center of city of 35 000. Address H. C. Pickhardt, Meriden, Conn.

WANTED—A young man of good character who has had experience in propagation and general nursery work, and has some capital to invest; to take an active interest in an established nursery business located within 100 miles of Chicago. Address No. **117**, care Florists' Review, Chicago.

FOR SALE—A small greenhouse and grounds at a health resort; business increasing and strictly retail; no competition. Winans & Foote, Eureka Springs Ark.

SITUATION WANTED—Up-to-date florist, first-class designer and decorator, several years' experience as manager of up-to-date eastern and western establishments acquainted with retail seed business; wishes first-class position; highest references given. Wm. Speth, 530 Grant St., Pottstown, Pa.

BUSINESS MANAGER WANTED—We want a reliable man in every town to manage a branch office and superintend a force of salesmen; big money, no canvassing, can be handled with other work or business; no capital required; full particulars on application. Give two business references and present occupation. Knight & Bostwick, Nurseryman, Newark, New York.

..WANTED..

Florist; an all-round competent man to take charge of greenhouses and grounds; wages $65.00 per month. Address

J. J. TOOMEY, - ST. PAUL, MINN.

FOR SALE.

A range of 5000 feet located in a town of 10,000; doing a good retail business; only greenhouse in town; houses all new; best of reasons for desiring to sell; please do not reply unless you have the CASH. Address

No. 122, care Florists' Review, Chicago.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

THE larger sizes of calla bulbs become more scare each year.

SEVERAL seed houses made exhibits at the poultry and fancy stock show in Chicago last week.

GEO. H. WESTON took charge of the seed department at Sears, Roebuck & Co., Chicago, February 1.

ONION sets are now moving briskly. The prices are $2 to $2.25 for red and yellow and $3 to $3.50 for white.

VISITED CHICAGO:—Wm. A. Prosser, rep. Ralph M. Ward & Co., New York; Mr. Church, of the Walker Seed Co., Oklahoma City, Oklahoma.

ALFRED E. WHEELER has bought the interest of C. H. Renn, in the seed business of W. E. Marshall & Co., New York, and becomes an active member of the firm.

THE way market garden trade opens up, and the quantity of onion seed orders from the locations where the specialists operate indicate that the coming year is to be a good one for the seedsman.

MOST of the catalogues are now off the presses and mailed. The strain on the nerves of those who felt their books were behind hand can now be shifted to the getting hold of shortages to fill the incoming orders.

UP to this date Southport White Globe is the only variety of onion seed that is reported scarce. Market gardeners' strains of the Southport Red Globe and Southport Yellow Globe are likely to be quite short later on, as the supply will not hold out long against the present demand.

OKLAHOMA CITY, OKLA.—Clyde H. Walker has sold his interest in the Oklahoma Seed Co. to his partner, Mr. Church, who now becomes sole proprietor of the concern. Mr. Church may dispose of his holdings in a cotton business in which he is largely interested and assume direct management of the seed business, or he may secure a manager for the seed business and continue in the cotton business. A definite decision on this point is not yet made.

LONDON WHOLESALE SEEDSMEN.

It is only those who have had somewhat intimate dealings with the wholesale seed houses in London, which exist in the present day, who become aware of the enormous industry they represent. Enormous in London alone; but with ramifications extending all over Great Britain and Ireland, and in many parts of the known world. A very large amount of capital is embarked in the business. There are fluctuations in the volume of trade done; big ventures have to be made, and large risks taken. All that experience, wide knowledge, skill, resource and keen business capacity can supply is brought to bear upon the maintenance and extension of an undertaking of vast importance to the community at large, says Richard Dean in a recent issue of the Horticultural Trade Journal.

There are in London ten wholesale seed houses; some of long standing, some comparatively modern in origin. Alphabetically they are:

G. A. Bunting & Co., 3 Bucknall street, W. C.

Carter, Dunnett & Beale, 237 High Holborn, W. C.

Cooper, Taber & Co., Ltd., 90 Southwark street, S. E.

Howcroft & Watkins, 9 Floral street, Covent Garden, W. C.

Hurst & Son, 152 Houndsditch road.

Alfred Legerton, 5 Aldgate, E. C.

Nutting & Sons, 106 Southwark street, S. E.

Stuart & Co., 25 Henrietta street, Covent Garden, W. C.

Watkins & Simpson, 12 Tavistock street, Covent Garden, W. C.

Jacob Wrench & Sons, Ltd., London Bridge, E. C.

In subsequent issues we shall endeavor to give some brief facts about each.

CATALOGUES RECEIVED.

F. Dorner & Sons Co., Lafayette, Ind., carnation cuttings; Goulds Mfg. Co., Seneca Falls, N. Y., sprayers; E. E. Wheeler, Bridgeport, Conn., seeds; W. W. Rawson & Co., Boston, seeds and plants; J. K. Alexander, East Bridgewater, Mass., dahlias; California Rose Co., Los Angeles, roses; D. M. Andrews, Boulder, Colo., seeds of perennials; Western Seed Co., Shenandoah, Ia., seeds; Haskell Avenue Floral Co., Dallas, Tex., plants; Mitchell Greenhouses, Mitchell, S. D., trees and plants; Theodosia B. Shepherd Co., Ventura, Cal., seeds; Dole Floral Co., Beatrice, Neb., cut flowers and plants; H. Thiemann, Owosso, Mich., dahlias; John Charlton & Sons, Rochester, N. Y., roses; W. W. Barnard & Co., Chicago, seeds.

Velvet Beans!

WE ARE HEADQUARTERS

STATE NUMBER OF BUSHELS WANTED. WRITE US ☞ NOW!

CRENSHAW BROS., Tampa, Fla.

Mention The Review when you write.

LEONARD SEED CO. CHICAGO

WRITE FOR PRICES WE ARE HEADQUARTERS FOR ONION SETS

Flower Seeds and Bulbs

WHOLESALE SEED GROWERS

Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now.

BEANS, PEAS AND GARDEN SEEDS. Write for Prices.

DIAMOND JOE SEEDS



We are the Largest Wholesale and Retail Seed Corn growers in the world. Ship in ear or shelled. We also do a general mail order seed trade in all the best varieties of Farm, Garden and Flower Seeds worth planting. In addition we handle the best grade of nursery stock to suit critical buyers. Our large illustrated seed and nursery catalog and farm guide free if you mention this paper. A postal card will bring it, write to-day. Address,

WESTERN SEED COMPANY Shenandoah, Iowa.

Mention The Review when you write.

HAVING BEEN AWARDED THE GRAND PRIZE For My Exhibition of **GLADIOLI** At the World's Fair

it is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. Groff's Hybrids and other sorts the best obtainable.

Write for Catalogue. ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.

SEED GROWERS

Sweet, Field and Pop Corn, Cucumber, Melon and Squash Seed. Write us before placing your contracts. We have a good superior stock of varieties that are scarce. Address

A. A. BERRY SEED COMPANY, Clarinda, Ia.

Thorburn's Bulbs

Lily of the Valley PIPS!

Largest and finest stock in splendid condition.....

Per case of 3000 for $24.00
2 or more cases at $7.50 per 1000

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

Two Grand New Asters

Benthey's White
Benthey's Pink

The Seed of the Two Varieties is ready for distribution now.

PRICE LIST

TRADE PACKAGE	$1 00
¼ OUNCE, White or Pink	2 50
½ OUNCE, " "	4 50
1 OUNCE, " "	8 00

For further information write

The Benthey-Coatsworth Co.
35 Randolph St., Chicago.

Mention The Review when you write.



RALPH M. WARD & CO.
Exporters and Importers
17 Battery Place, NEW YORK

Horseshoe Brand **Bulbs, Plants.**

Valley our Specialty — Cold Storage Pips Always on Hand.

Mention The Review when you write.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.
TRY THEM.
Cushman Gladiolus Co.
SYLVANIA, OHIO.

Mention The Review when you write.

SOW NOW!

Salvia Splendens Grandiflora.
A Strain of Superior Quality.
⅛-oz. 25c; oz., $1.50.
Also Florists' List on application.

W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Sq., BOSTON, MASS.

Mention The Review when you write.

FOR Spring Bedding **Tuberous Begonias**

Make up handsome. It is time now to start them.

By sending us either $1.00, $2.00 or $3.00, we will mail you an excellent collection in both single and double, separate colors or mixed.

HUBERT & CO.,

N. Le PAGE, Rep. MT. VERNON, N. Y.

Mention The Review when you write.

BRUNS' Extra Fine **BERLIN PIPS**

for early forcing give satisfaction. This stock is unsurpassed.

$1.25 per 100; $12.00 per 1000.
$29.00 per case of 2500.

Finest Cut Valley always on hand at Chicago market prices.

H. N. BRUNS, 1409-1411 W. Madison St., CHICAGO.

Mention The Review when you write.

VREDENBURG & CO.

ROCHESTER N. Y.

Lithographing, Printing, Engraving, Binding Exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

☞ UNEQUALLED FACILITIES

Begonias BULBS Gloxinias

LARGE FLOWERING BEGONIAS—Tuborous Rooted.

Single (1¼-1½-inch bulbs.)

	Per doz.	Per 100.	Per 1000.
Scarlet	$0.35	$2 50	$23 00
White	.35	2.50	23.00
Crimson	.35	2 50	23 00
Rose	.35	2 50	23 00
Yellow	.35	2.50	23 00
Mixed	.30	2.25	22 00

Double (1¼-1½-inch bulbs.)

	Per doz.	Per 100.	Per 1000.
Scarlet	$0 60	$4 25	$38 00
White	.60	4 25	38 00
Crimson	.60	4 25	38 00
Rose	.60	4 25	38 00
Yellow	.60	4.25	38 00
Mixed	.50	4.00	37.00

GLOXINIAS—Giant Flowering.

From a Ghent specialist, whose strain is absolutely the largest flowering and of unsurpassed quality.

Selected Bulbs (1¼-1½-inches in diameter.)

	Per doz.	Per 100
Blue	$0.50	$3.50
White	.50	3 50
Spotted	.50	3 50
Crimson	.50	3.50
Violet, White Border	.50	3 50
Red, " "	.50	3.50
Mixed	.45	3.25

Extra Large Bulbs (1½-2 in. in diameter.)

	Per doz.	Per 100.
Blue	$0 65	$4.75
White	.65	4 75
Spotted	.65	4 75
Crimson	.65	4.75
Violet, White Border	.65	4.75
Red. " "	.65	4 75
Mixed	.60	4.50

See our FLOWER SEED OFFER in Last Week's Review.

JOHNSON & STOKES, 217-219 Market Street, PHILADELPHIA, PA.

Mention The Review when you write.

BURPEE'S

SEEDS GROW AND WIN MORE PRIZES

than the products of any other brand! Besides several **Gold Medals**, they won a **Grand Prize** for vegetables at the **St. Louis Exposition.** ☞ If you intend to **try Burpee's Seeds**, we will mail free our **Complete Catalogue of 178 pages**, with beautiful colored plates and illustrations from photographs taken at our famous FORDHOOK FARMS, the largest Trial Grounds in America. If you garden for profit or are a florist you should also have Burpee's "Blue List" or Wholesale Price List for Market Gardeners and Florists.

WRITE TODAY!

W. ATLEE BURPEE & CO., Seed Growers, PHILADELPHIA

Mention The Review when you write.

..HIGH-GRADE SEED..

We offer this week a special price on Asparagus Plumosus Nanus Seed, fresh from the greenhouse. This seed is of finest quality; better, we think, than can be had elsewhere. It is all absolutely fresh that we guarantee, and far superior to old or outdoor grown seed because it will all germinate quickly.

100 seeds, 75c; 1000 seeds, $5 00. 5000 seeds, $22.50. Special prices on larger quantities. Send for our new wholesale catalogue.

HENRY F. MICHELL CO., 1018 Market St., PHILADELPHIA.

Mention The Review when you write

RUSSIAN LILY OF THE VALLEY

Per 1000	$ 15 00
Per 2500	32 00
Per 10000	125 00

THE BEST FOR EARLY OR LATE FORCING.

STUMPP & WALTER CO.

Branch, 404 E. 34th St. — 50 BARCLAY ST., NEW YORK.

Mention The Review when you write.

BEST GERMAN

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32 W. 6TH STREET, CINCINNATI, OHIO

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NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

IRRIGATION in the west will mean as much for nursery interests as it will for agriculture.

CRIMSON RAMBLER roses, field grown, are generally one of the scarce items, but one Rochester firm is offering a surplus.

TRANSPLANTING LARGE TREES.

Many nurseries now do a large business each winter in the planting of large trees for those whose pocketbooks are so deep that it is unnecessary for them to await the slow process of growth. The elm is probably more often than any other moved in the larger sizes and so expert have many tree movers become that trees sixteen to eighteen inches in diameter are transplanted with rare failures. Of course nursery-grown trees are most easily moved but when the right article is not available the nurseryman does not hesitate to go into the woods for a specimen which shall be worth anywhere from $100 to $250 to him when replanted.

It is, of course, necessary for the soil to be thoroughly frozen to a depth of not less than fifteen inches. The first process is that of digging. A circle of about eight feet in diameter is laid out around the tree. On the outside of this circle a trench, large enough for a man to work in comfortably, is dug to about two feet below the frost line. This is allowed to stand and freeze from the outside in toward the trunk. When this is frozen, the trench is continued deeper and gradually slanted towards the center of the tree, thereby leaving a ball of earth of the above diameter and about three feet deep.

After this has been accomplished, the tree is tipped over by the use of tackle and dirt is filled in under the frozen ball. The tree is then tipped back so that the ball rests on this earth, which has just been thrown in, and dirt is then thrown in on the other side. This operation is repeated until the ball of earth rests on a level with the ground.

At this point the wagon is run up to the side of the ball and the tree, by the use of tackle, is rolled over onto the truck, great care, of course, being exercised in having the top considerably above the ground so that the branches will not strike when rolling the ball of earth. In all this operation great care must be taken in the use of the tackle and the position in which the roots are placed on the truck and the strength that is exerted by the team on this tackle, as in some critical positions a slip would be liable to make the ball roll back, thereby breaking the whole top.

After a tree of this kind has been successfully loaded on the wagon it is a very simple matter to transport it almost any distance. In planting this tree the hole should be considerably larger than the ball of earth in order to allow root expansion in mellow soil after the tree gets started to grow. The operation of planting a tree of this size consists of letting the ball of earth gradually into the hole by the use of tackle. Care must be taken that the tree does not fall, as it is very hard to raise a prostrate tree from that position.

The accompanying half-tones illustrative of the process of tree moving are from protographs taken of work done by the Peterson Nursery, who have done so much of this work around Chicago that a writer recentlv remarked that it would doubtless not be long before the tree mover will be sent for as a matter of course, just as the piano mover, when the family makes its annual pilgrimage.



The Arrival of the Tree at Its New Location.
(Note the bareness of the situation.)

EDWARD FRIEDLY, of South Dodge, Ia., is closing out his nursery.

THE Montana State Horticultural Society held its annual meeting at Helena January 19 to 21. C. F. Dallman, of Missoula, was elected president and W. Spurgeon, secretary.

JOHN CHARLTON & SONS, Rochester, are re-introducing the York and Lancaster rose, which has been practically lost to commerce for many years. It is one of the hardiest varieties.

THE Missoula Nursery Co., Missoula, Mont., is introducing a new hardy red apple originating with C. E. Hollingsworth, of that place, and named for their town.

PROF. R. A. EMERSON, of the University of Nebraska, says that in experiments made last season two sprayings with Bordeaux mixture, one just before the blossoms opened and one just after the petals fell, held apple scab practically in check.

THERE are thus far ten entries for the prize of $1,000 offered by the Minnesota State Horticultural Society for a seedling apple which shall combine the good qualities of the Wealthy with the hardiness of Duchess and the keeping ability of Malinda. Competition is open to the whole world.

YOU may continue our advertisement in the Nursery Department of the Review; results are satisfactory so far.—RIVERSIDE NURSERY CO., Confluence, Pa.

ROCHESTER, N, Y.

Rochester is the recognized headquarters for the nursery business of the



Planting a Sixteen-inch Tree on a City Parkway.



Change in Effect when the Tree Mover is Through.

United States, but on January 24 to 26 more than ever before were the nursery interests of the east centered there. On those days there were three associations in session, the Western New York Horticultural Society, the National Association of Retail Nurserymen and the Eastern Nurserymen's Association. The two latter are strictly trade organizations, the sessions of which are open to none save members. The Western New York Horticultural Society is the leading organization of its kind in the country. Wm. C. Barry, of Ellwanger & Barry, has been its president for many years and the nurserymen of western New York are conspicuous in the management of this most successful society. On the evening of January 25 there was a dinner given by the retail association, at which the following firms from outside of Rochester were represented: Nelson Bogue, Batavia; R. G. Chase Company, Geneva; Clark Nursery Company, Waterloo; George Brothers, East Penfield; Hill Brothers, Irondequoit; F. M. Hartman, Dansville; Jackson & Perkins Company, Newark; George Josselyn, Fredonia; Maloney & Son, Dansville; Morey & Son, Dansville; J. Frank Morris, Brighton; Peirson Brothers, Waterloo; W. & T. Smith Company, Geneva; Storrs & Harrison Co., Painesville, Ohio. J. H. Dayton, representing the last named company, was the only person present from other than New York state.

The Eastern Nurserymen's Association elected the following officers: President, W. C. Barry; vice-president, C. H. Hawks; secretary, William Pitkin; executive committee, Irving Rouse, George A. Sweet, O. G. Chase, Charles J. Brown, C. A. Stuart. The president was authorized to appoint a committee to act with the transportation committee of the American Association of Nurserymen in the matter of freight rates with a view to securing a less prohibitive classification of nursery stock.

OSAGE, IA.—Walter S. Hall reports that the peddler who has been selling spurious Philippine lilies even went so far in his locality as to tell people that their florist sent him there because he had something especially good.

LITTLE ROCK, ARK.—J. W. Vestal has been elected treasurer of the Arkansas State Horticultural Society.

FORT WAYNE, IND.—G. W. Doswell & Son have moved their flower store to 131 West Berry street. They have also installed a gasoline pumping outfit for the rock well and for liquid manure at the greenhouses.

BROCKTON, MASS.—On January 24 the weight of snow crushed the roof of Louis Derocher's greenhouses, resulting in the loss of his stock and also next year's cuttings. He put it at $1,000. Mr. Derocher had been laid up by illness from July to December and the loss is important.

TREES

Fruit Trees, Small Fruits, Ornamental Trees, Evergreens and Shrubs, Shade Trees, Hardy Roses, Hardy Plants, Climbers, etc. The most complete collections in this country.

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Our seed is gathered at an altitude from 7,000 to 10,000 ft. and produces trees of extreme hardiness.

	Trade Pkt.
Abies Concolor	$ .25
Abies Douglasii	.25
Abies Grandis	.25
Picea Engelmanni	.25
Picea Pungens	.25
Pinus Aristata	.25
Pinus Ponderosa	.25
Pinus Flexilus	.25

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BUFFALO.

The Market.

While the great eastern cities seem to be paralyzed with a few inches of snow, a forty-mile breeze and a hard frost, we think eighteen inches of snow, a seventy-mile zephyr and 10 degrees below zero merely seasonable and it does not disarrange any program whatever. Nothing to complain of in the above line and business, by some cause or other, is slowly improving. Roses keep quite scarce. Carnations are on the increase. Violets have shortened up in quantity and a better price is the consequence. Tulips and daffodils of good quality are now plentiful and with plenty of Lilium Harrisii and lily of the valley we are all able to take care of the orders that drift our way.

Various Notes.

I am afraid that our city supplied but few delegates to the Chicago convention. Those who could go and did not scarcely realize what they missed. To travel around sight-seeing more than you can afford, either in pocket or time, is certainly not to be commended, yet how often does a visit to some well ordered, up-to-date place, or attendance at such a meeting and exhibition as that just closed, benefit you by observation or knowledge absorbed ten fold more than these little journeys cost. The above remarks are for the especial benefit of some very dear friends near home, who possibly think that there's "not much more to learn." Oh, my! Few indeed of us have any originality. We are simply copyists and if we don't go out and notice what successful men are doing we will soon lapse into "back numbers."

There is an effort being made in some quarters to suppress the growing and sale of Primula obconica. The public press will be appealed to for assistance. This seems hardly right. It is true, as we are all aware, that a few people are poisoned by it; that is, if they touch the foliage there is an irritation of the skin about as the bare-legged urchins of the old country used to get when trespassing on the precincts of the "stinging nettle" of dear old memory. We don't think anybody is immune against the stinging nettle, but only the small minority feel any annoyance from this beautiful primula now so largely grown and sold. In beauty, freedom of bloom and continuance of attractiveness it far surpasses the Sinensis varieties. If obconica bites you, don't buy it, but let those to whom it is harmless grow this excellent house plant.

Prof. Cowell, of South Park, starts in a few days for Panama. He's not going to dig a section of the canal, but expects to bring home several unknown species of Bromeliacea which abound in that malaria-haunted region of the earth.

Dutchmen from across the water have been arriving here for the past three weeks. They have so advanced their season of arrival that soon they will land here with their bulbs and help us unpack.

S. S. Skidelsky, with his large assortment of offers was here, also Walter Mott, of Jamestown. Walter reports business steadily improving. Such an up-to-date seed store was rather too much for the city, but the city as well as the surounding country has learned it is just what they needed. W. S.



Cattleyas, per dozen ..... $4 00 to $7.50
Cypripediums, per dozen ..... 1 50 to 2 00
Asst. Orchid Sprays, etc., per box 5.00 to 25.00

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☞ NEW CROP Southern Wild Smilax now ready in limited quantities.

Missoula, Mont.—C. F. Dallman of the Missoula Nursery Co., reports business very good, both in the florist's and nursery line. They added two houses last season but are still short of stock. They have two carnation sports which they think will make their marks. One is a variegated sport of Lawson and the other a pink sport from Enchantress color resembling Lawson.

Philadelphia Cut Flower Co.

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30-inch stems	4.00
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Beauty, Specials	7.50
" Extra	$5.00 to 6.00
" Medium	3.00 to 4.00
" Short	1.50 to 2.00
	Per 100
Bride and Bridesmaid, Fancy	12.00 to 15.00
" Ordinary	4.00 to 6.00
Liberty, Fancy	25.00 to 35.00
" Select	12.00 to 15.00
" Ordinary	5.00 to 8.00
Golden Gate	4.00 to 12.00
Meteor	4.00 to 10.00
Kaiserin	5.00 to 12.00
Sunrise	4.00 to 10.00
Carnations, Fancy	4.00 to 6.00
" Select	2.00 to 3.00
" Ordinary	1.00 to 1.50
Orchids, Cattleyas	50.00
Adiantum Cuneatum	1.00
" Croweanum	1.50
" Farleyense	10.00
Asparagus Plumosus, Strings	50.00
" Sprays, per bunch	.50
" Sprengeri, per bunch	.50 to .75
Callas	10.00 to 18.00
Daisies, White or Yellow	1.50 to 3.00
Lilium Harrisii	12.50 to 15.00
Mignonette, Fancy	4.00 to 5.00
" Ordinary	2.00
Paper Whites	2.00 to 3.00
Tulips	2.00 to 4.00
Daffodils	3.00 to 4.00
Lilac, White per bunch	1.00 to 2.00
Smilax	12.50 to 15.00
Sweet Peas	.50 to 1.00
" Select and White	1.50
Gardenias	25.00
Valley, Fancy	4.00 to 5.00
" Ordinary	2.00 to 3.00
Violets, Double	.50 to .75
" Single	.35 to .50
" White	1.50
Freesias	4.00 to 5.00
Myosotis	1.00 to 1.50
Pansies per bunch	.05

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"	No. 1	15.00 to 20.00
"	Shorts	3.00 to 4.00
Brides and Maids,	Special	10.00 to 15.00
" "	Extra	8.00 to 10.00
" "	No. 1	4.00 to 6.00
" "	No. 2	2.00 to 4.00
Golden Gate		8.00 to 15.00
Liberty		5.00 to 40.00
Mme. Chatenay		8.00 to 10.00
Meteor		3.00 to 6.00
Orchids, Cattleyas		30.00 to 60.00
Cypripediums		6.00 to 12.00
Carnations, Common		1.00 to 1.50
" Selects		2.00 to 3.00
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Adiantum Cuneatum		.50 to .75
Asparagus Plumosus, Strings		25.00 to 50.00
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Narcissi		1.00 to 3.00
Callas		10.00 to 12.00
Daisies		.35 to 1.00
Pansies	doz. bunches	.25 to .35
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Telephones 798 and 799 Madison Square. CONSIGNMENTS SOLICITED
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AND EVERY VARIETY OF CUT FLOWERS

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Hinode Florist Co., A large range of new greenhouses is being erected at Whitestone for lily forcing. Plants and flowers supplied in any quantity throughout the season. Our stock is of the best type, well grown, and **holds the record** as the finest handled by the florists of New York City last Easter.

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Quaint and curious Japanese plants on hand for shipment all the year around. **Telephone Connection.**

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Choice stock, full weight, 50-lb. case, $6.00; 25-lb. case, $3.25

Galax—Brilliant bronze or green, selected, $1.00 per 1000; $3 75 per 5000.

Leucothoe Sprays—Green or bronze, 90c per 100; $7 50 per 1000.

Sphagnum Moss—Large bale, $1 75; by freight, $2.00. **Green Sheet Moss**—Per bbl. sack, $2.50.

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Hardy Cut Fancy and Dagger Ferns,

$1.50 per 1000, best quality. Discount on larger orders.

BRILLIANT BRONZE and GREEN GALAX, $1.00 per 1000.

We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our Specialties are Dagger and Fancy Ferns. A-1 quality. $1 00 per 1000. Laurel Festooning, good and full, hand made, 5c and 6c per yard. Green and Sphagnum Moss, $1.00 per bbl. Sphagnum Moss, 50c a bag, 5 bags, $2.00. Ivy Leaves, $4.00 per 1000.

Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—all sizes, Folding Flower Boxes, Ribbon—all sizes and colors, all kinds of Letters, Wire Designs, Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

L. D. Tel. 2618 Main. **HENRY M. ROBINSON & CO., 8 and 11 Province St., BOSTON, Mass.**

Wholesale Cut Flower Prices.

Boston, Feb. 1.

	Per 100
Beauties, Specials	$25.00 to $45 00
" Extra	15 00 to 20.00
" Short Stems	6.00 to 10.00
Brides, Specials	10.00 to 15.00
" Seconds	3.00 to 6.00
Bridesmaids, Specials	12.00 to 15.00
" Seconds	4.00 to 6.00
Liberty	6.00 to 25 00
Chatenay	4.00 to 12 00
Cattleyas	40 00 to 50.00
Cypripediums	8.00 to 10.00
Carnations, Special	4.00 to 5.00
" Select	2.50 to 3.00
" Ordinary	1.50 to 2.00
Violets, single	.50 to .75
" double	.50 to .60
Lily of the Valley	2.00 to 4 00
Narcissi, Paper Whites	1.50 to 2.00
Mignonette	2.00 to 6.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays, bunch	.50
" Sprengeri, bunch	.50
Smilax	8.00 to 10 00
Adiantum	.75 to 1.00
Roman Hyacinths	1.50 to 2.00
Callas	8.00 to 12 50
Lilium Harrisii	8.00 to 12.50
Sweet Peas	1.00 to 1.50
Marguerites	1.00
Freesias	3.00 to 4.00
Yellow Daffodils	3 00 to 4.00
" Jonquils	1.00 to 1.50
Tulips	2.00 to 4.00

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A. J. FELLOURIS,



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EVERGREENS



GALAX, Bronze or Green

$1.00 per 1000.

FERNS, Fancy, $1.50 per 1000. Dagger, 1.00 "

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Green and Bronze Galax Leaves.

75c. per 1000.

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WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
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Vaughan & Sperry
WHOLESALE FLORISTS
58-60 Wabash Ave., CHICAGO
Write for Special Prices
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Wholesale Cut Flower Prices.

Chicago, Feb 1.

		Per doz.
Beauties, Long stems		$4.00 to $ 5.00
" 30-inch "		3.00
" 24-inch "		2.50
" 20-inch "		2.00
" 15-inch "		1.50
" 12-inch "		1.00
Shorts		.75
		Per 100
Bridesmaids, Specials	$10.00 to	$15 00
" Firsts	4.00 to	8.00
Brides, Specials	10 00 to	15.00
" Firsts	4.00 to	8.00
Liberty, Specials	12.00 to	15.00
" Firsts	4.00 to	10.00
Golden Gate, Firsts	10.00 to	12 00
" Seconds	4 00 to	8.00
Meteor, Firsts	10 00 to	12 00
" Seconds	4.00 to	8.00
Ivory, Firsts	10.00 to	12.00
" Seconds	4.00 to	8.00
Perles, Firsts	8 00 to	10.00
" Seconds	4 00 to	6.00
Chatenay	4.00 to	12.00
Cattleyas	40.00 to	60.00
Cypripediums	12 50 to	18 00
Carnations, Select	2 00 to	8.00
" Fancy	4.00 to	5.00
Violets	.50 to	1.00
Callas	12.50 to	15.00
Harrisii	12.50 to	20.00
Tulips		4.00
Paper Whites and Romans	3.00 to	4.00
Asparagus, Strings	35.00 to	50.00
" Sprays, per bunch,	.25 to	.35
Sprengeri, "	.25 to	.35
Ferns, per 1,000, $2.00		.25
Adiantum Cuneatum	.75 to	1.00
Smilax, per doz.	1.50 to	2.00

GENEVA, ILL.—Davis Bros. say that while they are doing a nice business with many varieties of ferns, still there will be Bostons for comparison with the novelties which will be offered many years hence.

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Send for Price List on all
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Write for special quotations on large orders.

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THE "OLD RELIABLE" FOR
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Beauties, Roses, Carnations, Lilies and Cut Flowers Of All Kinds
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A SPECIALTY.
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The Place to Sell Your Stock
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All telephone and telegraph orders given prompt attention.

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Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

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WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.
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We receive a splendid stock of fine BEAUTIES daily.

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Wholesale Cut Flower Prices.

St. Louis, Feb. 1.

		Per doz.
Beauties,	Specials	$4.00 to $6.00
"	Extra	2.00 to 3.00
"	No. 1	1.00 to 1.50
"	Shorts	.60 to .75
		Per 100
Brides and Maids,	Specials	$5.00 to $8.00
" "	Extra	3.00 to 4.00
" "	No. 1	1.00 to 2.00
Carnot		5.00 to 8.00
Golden Gate		4.00 to 6.00
Kaiserin		5.00 to 6.00
Liberty		5.00 to 8.00
Meteor		5.00 to 6.00
Carnations, Common		1.00 to 1.50
" Select		2.00 to 3.00
" Fancies		4.00 to 5.00
Adiantum		1.00 to 1.25
Asparagus Plumosus, Strings		25.00 to 35.00
" " Sprays		1.00 to 1.50
" Sprengeri "		1.00 to 1.50
Lily of the Valley		3.00 to 4.00
Smilax		12.50 to 15.00
Violets, single		.35 to .50
" double		.75 to 1.00
Paper Whites		2.00 to 3.00
Romans		1.50 to 2.00
Callas		10.00 to 12.50
Harrisii		10.00 to 12.50

Pittsburg, Feb. 1.

		Per 100
Beauties,	Specials	$50.00 to $60.00
"	Extra	30.00 to 40.00
"	No. 1	15.00 to 20.00
"	Shorts	6.00 to 10.00
Brides and Maids		4.00 to 18.00
Cusin		4.00 to 8.00
Liberty		6.00 to 15.00
Perle		3.00 to 8.00
Carnations		1.50 to 5.00
Adiantum Cuneatum		1.00 to 1.50
Asparagus Plumosus, Strings		25.00 to 50.00
" Sprengeri, Sprays		2.00
Lily of the Valley		3.00 to 4.00
Violets		.30 to 1.50
Smilax		12.50 to 15.00
Lilies		15.00 to 20.00
Paper Whites and Romans		3.00
Tulips		3.00 to 5.00
Freesias		3.00 to 5.00
Sweet Peas		.75 to 1.00
Lilac	per bunch	.75 to 1.00
Daffodils		4.00 to 6.00
Daisies		1.00 to 3.00
Mignonette		2.00 to 5.00
Pansies		1.00 to 2.00

Cleveland, Feb. 1.

		Per Doz.
Beauties,	Specials	$6.00
"	Extra	4.00
"	No. 1	3.00
"	Shorts	$1.00 to 2.50
		Per 100
Bride and Bridesmaid		$4.00 to $10.00
Meteors		4.00 to 10.00
Carnations		2.00 to 6.00
Adiantum Cunestum		1.00
Asparagus Plumosus, Strings		25.00 to 50.00
" " Sprays		1.00 to 3.00
" Sprengeri "		2.00 to 4.00
Violets		.50 to 1.50
Smilax		12.50 to 15.00
Paper Whites		3.00 to 4.00
Valley		3.00 to 4.00
Tulips, white		3.00 to 4.00
Sweet Peas		1.00 to 1.50

MISSOULA, MONT.—C. F. Dallman, the nurseryman, is doing much good work in addresses on floriculture in the garden before the horticultural societies of the northwest.

C. E. CRITCHELL,
Wholesale Commission Florist.
All varieties of Cut Flowers in season at right prices and of the best quality.
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Galax, Ferns and Leucothoe Sprays
Are my specialties.
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Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
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Florists' Supplies
C. C. Pollworth Co.
MILWAUKEE, WIS.
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Wholesale Cut Flower Prices.

Cincinnati, Feb. 1.

		Per 100
Beauties,	Extra	$35.00 to $45.00
"	No. 1	15.00 to 25.00
"	Shorts	8.00 to 12.50
Brides and Maids,	Extra	10.00
" "	No. 1	6.00
" "	No. 2	4.00
Golden Gate		4.00 to 10.00
Kaiserin		4.00 to 10.00
Liberty		4.00 to 15.00
Meteor		3.00 to 10.00
Perle and Sunrise		3.00 to 6.00
Carnations, Common		1.50
" Selects		2.00 to 3.00
" Fancies		4.00 to 6.00
Asparagus Plumosus, Strings		35.00 to 50.00
" " Sprays		4.00 to 5.00
" Sprengeri, "		2.00 to 3.00
Lilium Longiflorum		12.50 to 15.00
Smilax		10.00 to 15.00
Lily of the Valley		3.00 to 5.00
Violets		.50 to 1.00
Narcissi, Romans		3.00 to 4.00
Callas		8.00 to 12.50
Tulips		3.00 to 5.00
Adiantum		1.00 to 1.50

Buffalo, Feb. 1.

		Per 100
Beauties, Specials		$50.00 to $60.00
" Extra		25.00 to 40.00
" Shorts		6.00 to 15.00
Brides and Maids, Extra		10.00 to 12.00
" " No. 1		6.00 to 8.00
" " No. 2		2.00 to 5.00
Golden Gate		2.00 to 8.00
Kaiserin		3.00 to 10.00
Liberty		4.00 to 15.00
Meteor		3.00 to 8.00
Mrs. Morgan		2.00 to 4.00
Perle		3.00 to 8.00
Sunrise		2.00 to 6.00
Carnations		2.00 to 5.00
Adiantum Cuneatum		.50 to 1.00
" Croweanum		1.50
" Farleyense		10.00 to 12.00
Asparagus Plumosus, Strings		40.00 to 60.00
" " Sprays		1.00 to 2.00
" Sprengeri "		1.00 to 3.00
Lilium Harrisii		15.00
Lily of the Valley		3.00 to 5.00
Smilax		15.00
Galax		.10 to .15
Common Ferns		.15 to .20
Violets		.50 to 1.25

PITTSBURG FLORISTS' EXCHANGE
Wholesale Florists and Florists' Supplies.
228 Diamond St., PITTSBURG, PA.
Shipping Given Special Attention.
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Wholesale Grower of
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Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.
128 East 3rd St., CINCINNATI, OHIO.
All stock sold at the PREVAILING MARKET PRICE.
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FRANK M. ELLIS
Wholesale Florist
Finest Stock of Everything in the market.
Extra fine California Violets
Novelties and Supplies of all Kinds.
1316 Pine Street
St. Louis
Long Distance Telephone MAIN 2018-M
Mention The Review when you write.

CLEVELAND.

The Market.

The weather for the past two weeks has not been very conducive to business. It has been decidedly cold and stormy. The zero mark has been reached on several occasions. Business is quiet, with the exception of funeral work, which has been evenly distributed among the trade, all receiving a goodly share.

Flowers are not at all plentiful and a general clean-up is the result. Roses are exceedingly scarce, outside shipments coming in to fill the gap. Carnations are in good crop and are of exceptional quality. Bulbous stuff is quite plentiful, enough to satisfy all needs.

It is with much regret that I must report that McKinley day proved an utter failure from a retailer's standpoint. Sunday was very cold and raw winds prevailed. Not many people ventured out, which resulted in the retailers having a large stock left over. The public press came out with the announcement that McKinley day would be observed on Monday, which materially assisted in disposing of the surplus stock. All the stores were decorated with carnations.

Various Notes.

We are pleased to hear the report of the Clevelandites returning from the convention. All say the show was simply magnificent.

At the last meeting of the club, with a large attendance, it was the unanimous wish to make the show on Monday, February 13, a banner display. Several of the local growers will make exhibits, which with the addition of some of the crack growers from Chicago and elsewhere should make the show a decided success. All growers having anything of merit should send same to Isaac Kennedy, Secretary Cleveland Florists' Club, care of the Cleveland Cut Flower Co., 52 High street, Cleveland, O. It is hoped that a large attendance will turn out to make it a grand success.

Frank Smith has been spending a few days visiting Chicago.

M. H. Harrison is in New York, getting new ideas of metropolitan style.

H. A. Hart has been asked to judge at the spring exhibition at Buffalo.

FOREST CITY.

HAGERSTOWN, MD.—Henry Bester has a variegated sport from Lawson with all the characteristics of its parent. He also has a white sport of Enchantress which is like that variety in all save color.



Mention The Review when you write.

RIBBONS

Being so conspicuous a part of flower decorations, they should combine every effective feature of beauty. They must be rich in color, have a brilliant lustre and pleasing to the eye. Such are the ribbons we make and the cost so little.

Direct from our Looms to You

TAFFETA & SATIN TAFFETA & GAUZE

Want samples? Write now.

The Pine Tree Silk Mills Company

Philadelphia

OFFICE AND SALESROOMS:

806-808-810 Arch Street, 52 and 54 N. Eighth Street.

Mention The Review when you write.

SPECIAL—SALE—SPECIAL

We must have room and money, therefore offer the following for a limited time at cut prices. Stock is fine. Try a sample order.

	Per doz.	Per 100
2½-in. Boston Ferns		$3 50
3 " " "	$1.00	7.00
4 " " "	1.75	12.00
5 " " "	2.40	
6 " " "	4.80	
7 " " "	7.00	
2 " Asparagus Plumosus Nanus		3.00
3 " " "	1.00	7.00
2 " " Sprengeri		2.00
2½ " Rex Begonias, Louis Closson		8.50
6 " Latania Borbonica Palms	each	.60
4 " Kentia Belmoreana		.35

5-in. Rubber Plants	each $0.60
	Per 100
Rooted Cuttings Double Petunias very fine varieties	$1.50
Rooted Cuttings, Salvias	1.50
" " Vinca Variegated	1.50
Caladium Esculentum bulbs, extra fine, 10 to 12-inch	8.00
Wire Baskets, well made, 8-in. 10-in., 12-in. at $1.00 $1.50 and $2 00 per dozen.	
Sheep Manure, per 100 lbs. $1.00.	
Sphagnum Moss, per bale $1.00, write for prices on larger quantities.	

We will take a few good 2-in. S. A. Nutt and Double Gen. Grant Geraniums and some good varieties of Cannas in part exchange.

We can also supply you with the best the market affords in Rubber Hose, Cut Flower Boxes, etc. **Give us a Trial Order.**

Terms cash or satisfactory references. 5 per cent discount for cash with order.

D. U. AUGSPURGER & SONS, P. O. BOX 778 PEORIA, ILL.

Mention The Review when you write.

Fancy or Dagger Ferns



$1.25 per 1000. Galax, brilliant bronze or green, 75c per 1000; $6.50 per case, 10,000. Laurel festooning hand made, full sizes, 4c, 5c and 6c per yard made fresh daily from the woods. **Send us your orders at once and we will please you.** Branch Laurel, 35c per large bundle. Southern wild Smilax, 50 lb. cases, $5.50 per case. Laurel wreaths and Princess pine wreaths made all sizes and prices. Princess pine by the pound and made into roping. Tell us your wants and we will name you prices.

CROWL FERN CO., - - - MILLINGTON, MASS.

Mention The Review when you write.

ATTENTION !!! FLORISTS

For Wax Flowers, Baskets, Wax Floral Designs, Wheat Sheaves, etc., send to

J. STERN & CO.

1928 GERMANTOWN AVENUE,

Send for our beautiful catalogue. Philadephia.

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DAGGER FERNS.

A. L. FORTUNES

Wholesale and Retail Dealer in

Dagger Ferns AND Galax Leaves

Bronze or Green Galax, 75c per 1000; $6.50 per case.

Dagger Ferns, $1.00 per 1000, full count.

A discount on large orders.

431 State Street, NEW HAVEN, CONN.

SAN ANGELO, TEX.—J. J. Nussbaumer has a greenhouse 40x50 feet heated by a Wilks boiler and has a nice stock of miscellaneous plants. He does a large business in field-grown roses, etc.

Always mention the Florists' Review when writing advertisers.

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The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

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WILL BE FILLED BY

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Near Waldorf-Astoria. Phone No. 1417 Madison.
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☞Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

A. GUDE & BRO.

1224 F Street, Northwest,
Washington, -- D. C.

The J. M. Gasser Company,
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HAVE YOUR
RETAIL ORDERS
FILLED BY THE
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1657-59 Buckingham Place. CHICAGO.

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Orders for MINNESOTA or the Northwest will be properly executed by
AUG. S. SWANSON
ST. PAUL, MINN.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.
Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,
2319 AVENUE M. Galveston, Tex.

S. B. Stewart,
110 No. 16th Street, OMAHA, NEB.

FRED C. WEBER, FLORIST,

4326-28 Olive Street, St. Louis, Mo.
Established 1873.
Long Distance Phone Lindell 196 M.

MILLS THE FLORIST

36 W. Forsyth Street,
Jacksonville, Florida

HUGH GRAHAM,
PHILADELPHIA,
104 S. Thirteenth St.
All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,
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BUFFALO, New York.

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Green Galax

ASSORTED SIZES.
Price and Quality Guaranteed.
When our present stock is exhausted, Green Galax, the kind you want, will be scarce and hard to get. Better mail us your order at once.
C. W. BURLESON & SON, Linville, N. C.

You Will Find...
ALL the **BEST** offers
ALL the time in the
REVIEW'S
CLASSIFIED ADVS.

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546 Fifth Avenue
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NEW YORK, CITY.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention . . . . . .

Telephone Calls: 340 and 341 38th Street.
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WESTERN UNION CODE.

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2139-2141 Broadway,
Tel. 1552-1553 Columbus,
New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

ATLANTIC CITY, N. J.

ALWAYS a fine stock of Cut Flowers, Ferns, Palms and Blooming Plants. Prompt and careful attention to all orders.

EDWARDS FLORAL HALL CO.
L. D. Bell Phone 144I. 104 So. Carolina Ave.

WILLIAM L. ROCK FLOWER CO.

KANSAS CITY, MO.

C. C. Pollworth Co.

WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in
WISCONSIN

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

Houghton & Clark

434 Boylston Street,
Boston, Mass.

WASHINGTON, D. C.
Orders Executed Artistically.
Blackistone,
Long Distance Phone 2180. COR. 14th and H STS.

PITTSBURG.

The Market.

Notwithstanding the extreme cold weather last week, trade was very satisfactory, the only trouble being to get the stock. Those who were depending on the east for stock had hard times for a couple of days, on account of the railroads being tied up. Some stock came in frozen. The home growers got the benefit of this, however, and the local wholesalers report the best week of the season outside of Christmas.

Various Notes.

The delegation from this section to the carnation convention arrived home on Saturday and were high in their praises of the exhibit and also the treatment they received from the Chicago boys in the way of entertainment. The trip to the places of the Poehlmann Bros. Co., the Chicago Carnation Co. and the J. D. Thompson Carnation Co. helped make the trip a pleasure, not forgetting the lunch at the Elks Hall in Joliet. Taking it all in all, they report it as one of the most satisfactory conventions they have attended.

Fred Burki, J. L. Wyland and W. A. Clarke went by way of Richmond, Ind., to see E. G. Hill Co.'s new rose, Richmond, growing in its native soil and were well pleased.

S. S. Pennock and E. A. Stroud, the crack Philadelphia carnation grower, stopped here Saturday on their way home.

The next meeting of the Florists' Club will be carnation night and it is expected that all members of the club will be on hand for election of officers and to hear reports from the members who attended the convention on the best things they saw, and they will tell you of a number of good things beside the prize winners, and possibly some of the stories they heard at the banquet.

James J. Higgins, now with Mrs. E. A. Williams, formerly of Philadelphia, is receiving congratulations, owing to having taken unto himself a bride, Miss Dorothy D. Watson, of Columbus, O.

J. B. Murdock & Co., 545 Liberty avenue, are receiving bids on a number of new houses to be erected at Van Emmen, Pa.

Hoo-Hoo.

For Your Wants in

Roses, Boston, Piersoni and Scottii Ferns.

Asparagus—Plumosus, Sprengeri.

Carnations, Chrysanthemums and Miscellaneous Stock,

Write **GEO. A. KUHL,**

Pekin, Illinois.

Grower for the Trade.

Mention The Review when you write.

...PANSIES...

London Prize Show Flowers, exquisite colors, large transplanted plants from cool houses, 50c per 100 by mail; $3.50 per 1000 by express.

Obconica—3-inch	per 100,	$3.00
" 4-inch	"	5.00
Asparagus Sprengeri—4-inch.	"	5.00
" **Plumosus**—4 inch.	"	6.00

C. WHITTON, - UTICA, N. Y.

PACIFIC COAST.

SAN FRANCISCO.

The Market.

We have had considerable dark weather and foggy mornings during the past week and as a result flowers of all kinds have not been as plentiful as heretofore. Roses especially have been scarce and the price has stiffened somewhat. Beauties have sold wholesale as high as $4 per dozen and Brides and Maids have cost the retailers $1 per dozen, with a very limited supply even at those figures. Carnations have also been only in moderate quantity and the price has increased all along the line.

Business, except funeral work, has not been brisk, but there has been a steady run on white flowers. Violets are about the only flower of which we have sufficient quantity and to spare and they are being used largely in funeral sprays and designs. Valley and L. Harrisii are about equal to the demand, but freesias are in short supply. Narcissi are becoming scarcer and daffodils more plentiful. Good smilax and maidenhair ferns show the results of too close cutting and are getting short of stem.

Various Notes.

John Reimers, of Stockton, employed as a landscape gardener by the Santa Fe railroad, was in a collision at Blum station on Tuesday of last week.

Thos. Stevenson is devoting his entire time to his stand in the Palace Hotel. Business has been exceptionally good with him since the holidays.

Serveau Bros. have filled up their plant yard with a large stock of ornamental trees and plants for the spring trade.

There is a splendid showing of various bulbs in flower at Golden Gate park. Superintendent McLaren contemplates many improvements in the arrangement of the flower beds, which he will soon have ready for the spring planting.

Geo. Rosmarin, of Alameda, handled over 100,000 narcissus blooms this season. He has one of the largest patches of the flower in this neighborhood.

M. Olaine, of Palo Alto, is in town.

G.

XXX SEEDS

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.

Cineraria. Finest large flowering dwarf, 1000 seeds, 50c.

Phlox Pumila Compacta. Very dwarf and compact; grand for pots; in finest colors, mixed. Trade pkt., 25c.

Alyssum Compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots. Trade pkt. 25c.

Chinese Primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.

Pansy, Finest Giants. The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00. half pkt, 50c.

Petunia. New star, from the finest marked flowers, extra choice. Trade pkt., 25c.

Cash. Liberal extra count of seeds in all packets.

SHAMROCK

...IRISH...

Strong and fine plants. Better order early. $4.00 per 100; or 60c. per doz., by mail.

JOHN F. RUPP, Shiremanstown, Pa.

THE HOME OF PRIMROSES.

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HEADQUARTERS FOR "SUPERIOR QUALITY" BRAND

Wild Smilax

Always on Hand and in any Quantity

NONE BETTER.

25 lb. case	$3 00
35 lb. case	4 00
50 lb. case	5 00

E. F. WINTERSON CO.,

45-47-49 Wabash Avenue,

CHICAGO.

Mention The Review when you write.

ROOTED CUTTINGS

Roses—Bride, Chatenay, Gate, Perle and Ivory, $2.00 per 100; Uncle John, $5 00 per 100.

Carnations—Mrs. M. A. Patten, $5 00 per 100; D. Whitney, Enchantress, 4c; White Cloud, Joost Morning Glory Gov. Wolcott, Q. Louise, $1.50 per 100. **Special price on large lots.**

J. F. AMMANN, Edwardsville, Ill.

Mention The Review when you write.

READY NOW—ROOTED CUTTINGS

That will Give Satisfaction

	Per 1000		Per 1000
Lawson	$12.50	White Cloud	$10.00
Prosperity	12.50	Joost	10 00
Flora Hill	10.00	Marquis	10.00
Queen Louise	10.00	Quality is our hobby.	

W. C. HILL FLORAL CO., Streator, Ill.

VEGETABLE PLANTS.

To have vegetable plants ready for planting about the first of April it is now time the seeds should be sown. There is a good demand every spring for great quantities of garden truck and as there is very little trouble in handling them it is one of the best paying articles for such dealers as grow this class of goods. Tomatoes, cabbage, cauliflower, kale and peppers are the only varieties grown in commercial gardens. Tomatoes and peppers should be planted about the first of February under glass and given a little bottom heat, either from a hotbed or any other method. One ounce will sow three flats and should produce about 1,500 plants. Do not leave the plants longer than three weeks over the heat and at the end of the fourth week transplant them into the same sized flats, putting about 100 plants in each. They should be kept shaded, if the weather be warm, for about a week, and after that given plenty of air and removed outside about the end of the eighth week, so as to harden somewhat. Plant them in sandy soil and it is a good plan to have an inch of well-rotted manure in the bottom of the flat. This makes them vigorous and of a good, healthy color.

The best varieties to grow in this locality are Acme for very early fruiting and Stone and Perfection for later planting. The plants usually retail here at about $1.50 per hundred.

Peppers should be handled the same way as tomatoes, but will not be fit to sell until about two weeks later. There is, of course, not so much demand for

A Grand New Rose, Climbing

CAROLINE TESTOUT

Field-grown, strong, 3 to 4 feet high, 80c each; $3.00 per 12; $25.00 per 100. Also Climbing

Cecil Brunner

Field-grown, strong, 3 to 4 feet high, 15c each; $1.50 per 12; $12.00 per 100.

Araucaria Excelsa

From 2¼-inch pots, extra strong plants, with 2 and 3 tiers, 6 to 8 inches high, at $16 per 100.

F. LUDEMANN,

3041 Baker St., San Francisco, Cal.

ROOTED CARNATION CUTTINGS

Big Stock.

ORANGE TREES

Write for Price List.

The Philippi Nurseries, Rocklin, Cal.

Philippi Bros., Props.

Dahlias Field Roots, Clifford W. Burton yellow, Storm King, pure white, A. D. Livoni, pink — $5.00 per 100

Maid of Kent, red tipped, white, mixed — $4.00 per 100

The Brighton Seed & Floral Co.

215 Occidental Ave., SEATTLE, WASHINGTON.

Mention The Review when you write.

FREESIAS

Grand Duchess Oxalis, Bermuda Buttercups, and other flowering bulbs.

REES & COMPERE,

R. F. D. 1, LONG BEACH, CAL.

Mention The Review when you write.

CALIFORNIA CARNATION CO.

LOOMIS, CAL.

Mention The Review when you write.

them and they sell for about double the price of tomatoes.

Cabbage and cauliflower should now be sown outside for late spring planting. As we grow both these vegetables from seed sown in the open air it is difficult to have any success with them when planted earlier in the winter, unless the seed be planted in September, when the plants will have grown to be strong enough to last through the winter. For ordinary garden planting, however, the middle of January to the first of February does very well. The beds should be dug up and well manured and one ounce of seed planted for every 3,000 plants wanted. Snails, which during the winter here are the greatest nuisance the gardener has to contend with, can be handled with slug shot.

The Early Jersey Wakefield seems to be in the most demand here for an early sort and Surehead for the next in succession. The plants retail for 50 cents per hundred.

Cauliflower, while not quite as easy to grow as cabbage, is a good seller for the gardener and if the bed is heavily manured the plants grow very fast during March. The best varieties to grow are the Early Snowball for an early sort and Early Dwarf Erfurt next in line. Cauliflower sells as well as cabbage and a good many dollars can be made by the gardener who thinks in time to plant a few ounces of seed and have a few thousand vegetable plants on hand when the call for them begins, generally about the first of April. G.

LONG may the REVIEW be a welcome and interesting guest to its readers, the craft in general, and a shining light among its contemporaries.—LOUIS BAUSCHER, Freeport, Ill.

Rooted Carnation Cuttings

..NOW READY..

These low prices good only up to December 25.

WHITE:	Per 100	Per 1000
Queen Louise	$1 00	$10.00
Flora Hill	1.00	10.00
Alba	1.40	12.50
Gov. Wolcott	1 00	10.00
Norway	1.00	10.00
Lillian Pond	1.40	12.50
Chicot	1.20	10.00
PINK:		
Mrs. Thos. Lawson	1.40	12.50
Enchantress	3 50	30.00
Mrs. Joost	1.00	10.00
Success	1.00	10.00
Mermaid	1.00	10.00
Cresbrook	1.00	10.00
Pres. McKinley	1.40	12.50
Mrs. Theo. Roosevelt	1.40	12 50
SCARLET:		
G. H. Crane	$1.00	$10.00
America	1.00	10.00

SCARLET:	Per 100	Per 1000
P. Palmer	$1 00	$10 00
Estelle	1.40	12.50
J. H. Manley	1.50	15 00
Apollo	1.50	15.00
CRIMSON:		
Harlowarden	1.40	12.50
Gov. Roosevelt	1.20	10.00
YELLOW:		
Golden Beauty	1.40	12.50
Eldorado	1.00	10.00
VARIEGATED:		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Stella	1.40	12.50
Armazindy	1.00	10.00
Viola Allen	1.20	11.00
Gaiety	1.20	11.00

Special prices on large lots. Unrooted pips at half price of above. 25 at 100 rate. 250 at 1000 rate. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

Loomis Floral Company, LOOMIS, CAL.

Mention The Review when you write.

200,000 ROOTED

Carnation Cuttings

NOW READY.

WHITE	Per 100	Per 1000
Queen Louise	$1.00	$10.00
Flora Hill	1.00	10.00
Gov. Wolcott	1.00	10.00
Alba	2.00	15.00
White Cloud	1.00	10.00
PINK		
Lawson	1.20	12.50
Marquis	1.00	10.00
Enchantress	3.50	30.00
Mrs. Joost	1.00	10.00
McKinley	1.40	12.50
Mermaid	1.00	10.00
Cressbrook	1.00	10.00

SCARLET	Per 100	Per 1000
Crane	$1.00	$10.00
America	1.00	10.00
Estelle	1.40	12.50
CRIMSON		
Harlowarden	1.40	12.50
YELLOW		
Eldorado	1.10	12.50
Golden Beauty	1.40	12.50
VARIEGATED		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Armazindy	1 00	10 00
Viola Allen	1.20	11.00

Unrooted Cuttings at one-half price of Rooted Cuttings.

Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

100,000 Pansy Plants at $10.00 a thousand.

Loomis Carnation Co.

Lock Box 115. **Loomis, Cal.**

Mention The Review when you write.

New Shasta Daisies

ALASKA, CALIFORNIA, WESTRALIA, } $ 3.00 per Doz. 15.00 per 100

Having obtained my stock from Mr. Burbank, it is waranted to be pure and true to name. Postal for circular. Shasta daisy "Shasta," strong field plants, $3.00 per 100. Small plants, one-third less. Prepaid. Cash, please.

FRED GROHE, MacDonald Avenue, **Santa Rosa, Cal.**

Always mention the Florists' Review when writing advertisers.

THE KING OF ALL SCARLET CARNATIONS

ROBERT CRAIG

(WARD)

Will Not be Disseminated Till 1906. First Delivery Commencing Dec. 1, 1905.

THE IDEAL CHRISTMAS CARNATION

A GENUINE NON-BURSTING SCARLET LAWSON

JUST THE COLOR OF THE HOLLY BERRY

Send Your Orders Now, with privilege to cancel same at any time prior to December 1, 1905, if on inspection variety does not prove satisfactory. PRICES: $2 50 per doz.; $12.00 per 100; $100.00 per 1000; 2 500 lots at $95 00 per 1000; 5 000 lots at $90.00 per 1000; 10 000 lots or more, at $80.00 per 1000.

COTTAGE GARDENS CO. (INC.), Queens, N.Y.

C. W. WARD, Originator.

HAS BEEN AWARDED THE FOLLOWING HONORS

Preliminary Certificate. American Carnation Society, 92 points.
Special Diploma. American Institute of New York.
First-Class Certificate of Merit. Massachusetts Horticultural Society.
First-Class Certificate of Merit. Pennsylvania Horticultural Society.
First-Class Certificate of Merit. New York Florists' Club, 93 points.
Craig Cup for best undisseminated seedling. Philadelphia.
G. Hartman Kuhn Special Prize for best undisseminated seedling, Philadelphia.
First Prize best 100 scarlet. Chicago.
First Prize best 50 scarlet seedling. Chicago.

KANSAS CITY.

The Market.

The past week has been a busy one for the florists here, an unusual number of deaths bringing a large amount of floral work. Some of the finest stock seen since the holidays is being shown and brings good prices. Roses, carnations and violets were never better. Valley is looking fine, with prices a little higher than last week. There is a good healthy demand for all kinds of cut blooms. There are some fine lilacs and sweet peas coming in. Beauties are getting scarce and the quality poor. Brides and Maids are of fine quality and in demand. Liberties are very poor and very few Chatenay are seen, but are of excellent quality. Romans, Paper Whites, callas and Harrisii are abundant, while tulips are scarce. The coming week promises to be a busy one, as there are quite a number of balls and receptions to make it interesting.

Various Notes.

McKinley day was a "frost" here, very few being seen wearing the carnation. Some of the local dealers invested heavily in stock but were forced to sell at a sacrifice.

Miss M. Dalley and her sister, Julia, are confined to their home with the grippe.

Mann & Chiles, two young florists who bought out Mrs. Duss, in the Gumble building, failed last week. The stock and fixtures are for sale.

One of the most modern, up-to-date establishments in this city is that of the Alpha Floral Co., on Walnut street. Their latest addition is an improved four-drawer cash register, costing $550, one drawer for each clerk, making it an easy matter to foot up each evening the amount taken in and paid out each day. They have also added a fire and burglar-proof safe. They have purchased the property at 912 East Tenth street.

Chas. Wise reports business as very good in his line and is adding greatly to his stock.

D. Freudenthal reports business as increasing greatly in his new location.

Miss Jewell reports business as quiet at present, but indications point to a steady increase.

Ed A. Tonquist, with Miss Dalley, who has been confined to his home since Christmas from an injury received that day, is able to be out again.

ROOTED CARNATION CUTTINGS

WHITE.	Per 100	Per 1000
May Naylor	$2 50	$20 00
Queen	2 50	20 00
Queen Louise	2 00	15 00
Gov. Wolcott	2 00	15 00
Boston Market	2 00	15 00
VARIEGATED.		
Mrs. Patten	6 00	
Prosperity	2 50	20 00
Judge Hinsdale	4 00	

PINK.	Per 100	Per 1000
Enchantress	$3 50	$30 00
Lawson	2 00	15 00
Fair Maid	2 00	15 00
Ethel Ward	4 00	
Nelson Fisher	6 00	
CRIMSON.		
Harlowarden	2 50	20 00
Octoroon	4 00	
Harry Fenn	2 50	20 00

SCARLET.

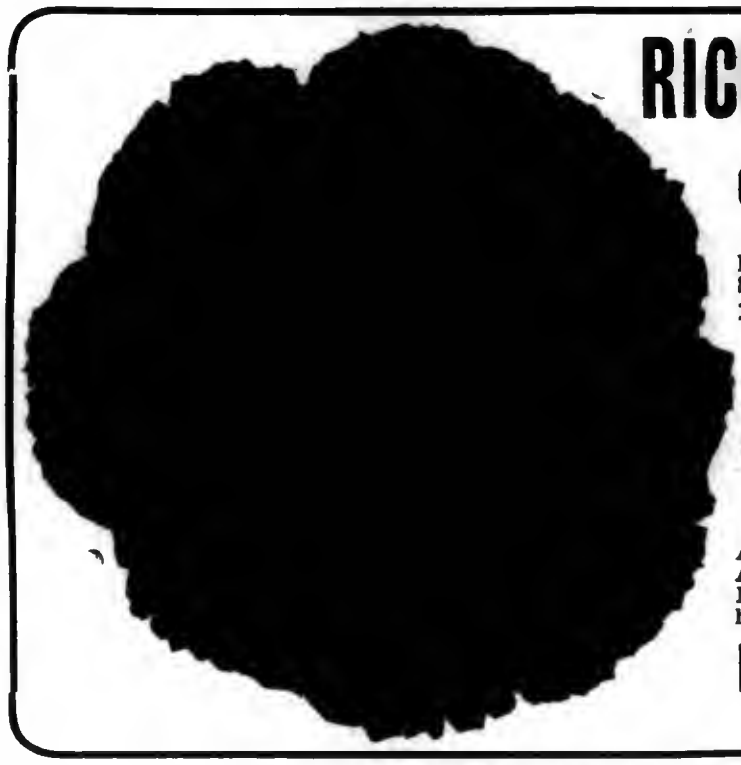
Flamingo, 100, $6. Gov. Bliss, 100, $2.50; 1000, $20. Crane, 100, $2.00; 1000, $15.00

		Per 100	Per 1000
POT GROWN CARNATIONS, 2-INCH STOCK.	Lawson, Queen Louise, Prosperity,	$4 00	$30 00
	Harlowarden	5 00	40 00
	Enchantress	6 00	50 00

GRAFTED ROSES ON STRONG ENGLISH MANETTI STOCK.

Bridesmaid, Bride, Ivory, Golden Gate, Chatenay $120 00
Uncle John, La Detroit, Gen. MacArthur $18 00

SAMUEL S. PENNOCK, 1612-14-16-18 LUDLOW ST., PHILADELPHIA.



RICHMOND GEM

THE FINEST COMMERCIAL SCARLET Ever Introduced.

PLACE YOUR ORDERS EARLY. SEND FOR CIRCULAR.

Per 100, $10; per 1000, $75.

WE MUST HAVE ROOM!

The following stock plants of

Mums For Sale

at a Bargain

Wm. Duckham, A. J. Balfour, Alice Byron, white; Yellow Eaton, Appleton, Omega and Marion Newell, large clumps and in good health. Write for prices.

B. K. & B. FLORAL CO.

RICHMOND, IND.

Mention The Review when you write.

Arthur Newell reports business as steady.

Ed Ellsworth is showing some fine Enchantress and valley and reports the wholesale business as good the past week.

J. Tobler, of Westport, has some very nice stock coming on for spring and reports business as fair. NARCISSUS.

ATGLEN, PA.—John I. Heibeck has sold out to B. C. Weaver, of Paradise, who has taken possession.

JACKSON, MISS.—The greenhouse of J W. Brown was destroyed by fire one night last week. There was $500 insurance, which may cover half the loss.

THE CARDINAL WINS!

MAINTAINS ITS GOOD REPUTATION OF LAST YEAR

RECORD at the CHICAGO CONVENTION

1st for best 100 SCARLET, open to all
1st for best 50 CARNATIONS, any color, open to all
1st for best 50 Undisseminated SCARLET

Wins the Praise of All Who See It Growing—Place Your Order Now and Get Early Delivery

Rooted Cuttings, $12.00 per hundred; $100.00 per thousand

DISSEMINATORS....
S. S. SKIDELSKY, Philadelphia, Pa.
E. G. HILL CO., Richmond, Ind.
CHICAGO CARNATION CO., Joliet, Ill.

EASTER PLANTS ..A.. Specialty

Have an immense stock of the following, which will be in bloom for Easter:
Spiraea Compacta, Floribunda, Japonica and Gladstone.
Three houses full of choice **Azalea Indica,** among them are: 1500 pots of **Van der Cruyssen,** all sizes and prices, 75c, $1.00 and $1.25.
Hydrangea Otaksa, Cineraria, Hybrida, 6-inch Harrisii and Japan Lilies by the thousands, White Daisies: Ficus Elastica (rubber plant) 6 to 7 inch pots, $6.00 to $9.00 per doz.; Araucaria Excelsa, 7-inch pots, 30 to 35 inches high, $1.50 each; **Hyacinths,** Tournesol Tulips, Von Sion Daffodils; American Beauty, Bride and La France Roses. Everything of good quality and lowest prices. Watch for Easter adv.

Godfrey Aschmann, Wholesale Grower and Importer of Pot Plants.
1012 Ontario St, PHILADELPHIA, PA.
Bell Phone Tioga 3669A.

Mention The Review when you write.

SPECIAL!

	Per 100
Boston Ferns, from bench, for 4-in.	$ 8.00
" " " " 5 & 6 in.	15.00
" " 2½-in.	3.00
Asparagus Plumosus, 2-in.	2.00
" " 3-in.	4.00
" **Sprengeri,** 2½ in.	2.00
Salvia Fire Ball, 2½-in.	2.00
Trailing Vinca, Thumb pots, 2 varieties	2.00
Fuchsias, Little Beauty, 2-in.	3.00
Geraniums and **Mums,** a fine variety. Send for list of same.	

CASH WITH ORDER.

GEO. L. MILLER CO., Newark, Ohio

Mention The Review when you write.

PANSY PLANTS

	Per 100.
Large Flowering, $2.50 per 1000	$0.60
300 Pelargoniums, mixed, 2-inch pots	2.50
Asparagus Plumosus Nanus, small plant	1.75
10 Varieties Geraniums, 2 and 2½-inch pots	2.50
Alternantheras, red and yellow, March 1	2.00
Asp. Plumosus Nanus Seed, Feb. $5.00 per 1000	.75
10 Varieties Coleus, 2-inch pots, March 1	2.00

— CASH —

JOS. H. CUNNINGHAM, Delaware, O.

Mention The Review when you write.

500,000 VERBENAS — 60 — VARIETIES

The Largest and Finest Stock in the Country.
PERFECTLY HEALTHY — NO RUST

Rooted Cuttings—Per 100, 60c; per 1000 ..... $5.00
Plants—2½-inch pots, $2.50 per 100; per 1000 ..... $20.00

300,000 CARNATIONS ROOTED CUTTINGS CLEAN AND HEALTHY

CRISIS—New Commercial Scarlet; per 100, $12.00; per 1000, $100.00

	100		100		100
Mrs. Patten	$6.00	Flamingo	$6.00	Buttercup	$3.00
Judge Hinsdale	4.00	Dorothy Whitney	3.00	Prosperity	2.00
Lady Bountiful	5.00	Golden Beauty	3.00	Mrs. J. H. Manley	2.50

	100	1000		100	1000		100	1000
Enchantress	$3.00	$25.00	The Queen	$2.50	$20.00	Floriana	$1.25	$10.00
Mrs. Lawson	2.00	15.00	Mrs. E. A. Nelson.	1.50	12.00	Lorna	1.25	10.00
Adonis	2.50	20.00	White Cloud	1.50	12.00	Eldorado	1.25	10.00
Harry Fenn	2.00	15.00	Dorothy	1.25	10.00	Mrs. Joost	1.25	10.00
Gov. Roosevelt	1.50	12.00	Wm. Scott	1.25	10.00	Flora Hill	1.25	10.00
Mrs. P. Palmer	1.25	10.00	Queen Louise	1.25	10.00	Portia	1.25	10.00

60,000 GRAFTED ROSES for Forcing — The Finest Grown

Orders booked for delivery in April, May and June.

Liberty, rose pots, 12.00 per 100; 3½-inch pots, per 100 ..... $18.00
Bride Maid, Golden Gate, Kaiserin, rose pots, $10.00 per 100; 3½-inch pots, per 100 ..... $15.00

SEND FOR PRICE LIST.

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

ORCHIDS

CATTLEYA MENDELLI Just arrived in fine condition, a shipment of this scarce and beautiful Orchid. Also Laelia Anceps, Oncidium Tigrinum, etc. Write for special list No. 14.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

BOBBINK & ATKINS

Decorative Plants.
Rutherford, N. J.

Mention The Review when you write.

YOU WILL FIND ALL THE BEST OFFERS ALL THE TIME IN THE REVIEW'S CLASSIFIED ADVS.

CARNATIONS, Rooted Cuttings.

	Per 100	Per 1000
PHYLLIS	$12.00	$160.00
CHICAGO WHITE	12.00	100.00
RICHMOND GEM	10.00	75.00
THE BELLE	5.00	45.00
CRUSADER	5.00	45.00
INDIANAPOLIS	5.00	45.00
ENCHANTRESS	3.00	25.00
BOSTON MARKET	$2.50	$20.00
NELSON	1.50	12.50
ADONIS	2.50	20.00
LAWSON	1.50	12.50
MORNING GLORY	1.50	12.50
JOOST	1.00	9.00
ESTELLE	$1.50	$12.50
HIGINBOTHAM	1.00	9.00
FLORA HILL	1.00	9.00
QUEEN LOUISE	1.00	9.00
PERU	1.00	9.00
GUARDIAN ANGEL	1.00	9.00

ROSES!

Rooted Cuttings

	Per 100	Per 1000
CHATENAY	$2.50	$20.00
UNCLE JOHN	2.50	20.00
BRIDESMAID	1.50	12.50
BRIDE	1.50	12.50
IVORY	1.50	12.50
PERLE	1.50	12.50

From 2 1-2 inch Pots.

	Per 100	Per 1000
RICHMOND	$30.00	$250.00
ROSALINDORR ENG.	25.00	200.00
LA DETRO..IT	6.00	50.00
CHATENAY	4.00	30.00
SUNRISE	4.00	30.00
PERLE von Godesberg.	5.00	40.00
LIBERTY	$5.00	$45.00
UNCLE JOHN	4.00	35.00
KAISERIN	4.00	30.00
BRIDESMAID	3.00	25.00
BRIDE	3.00	25.00
IVORY	3.00	25.00
PERLE	3.00	25.00

All plants sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

PETER REINBERG, Telephone 2846 Central, **51 WABASH AVE., CHICAGO**

Mention The Review when you write.

KALAMAZOO, MICH.

Business is improving, also stock. After a period of very dark, cloudy weather we are experiencing nice, bright but cold weather.

Van Bochove Bros. are busy building their new place. A shed is being built and painters will be at work as soon as the woodwork for their new greenhouses arrives. At the old place everything looks as prosperous as ever.

Grofvert & De Smith have very fine carnations, especially Joost, Lawson and Her Majesty.

At Mountain Home cemetery, Mr. Fraser, head gardener, says everything looks well. Mr. Fraser has a very fine house of Lawson carnations.

S. Batson has his carnation houses in very fine shape and is cutting heavily. He also has a lot of wallflowers planted in benches from which he cuts blooms for the Cincinnati market.

At the Central Nursery greenhouses everything is looking well, especially the carnations. Their lilies and other pot plants are fine. Cuttings of carnations are potted and looking well.

J. A. Calder, an East Main street florist whom I visited last Sunday, has the strongest and longest-stemmed carnations I ever saw. This gentleman grows his carnations very cool, 46 degrees at night. While he does not cut heavily during the winter months, his carnations will bring a heavy crop in February and the spring months. Mr. Calder wishes to retire from active business on account of old age. His is a small place, of about 5,000 feet of glass, and will be for sale after June 1.

The Dunkley Floral Co. is in nice shape. Their carnations are fine and roses doing well. Mrs. Dunkley sent out invitations for a social last week and the boys had a very enjoyable time. H. M.

New Portage, O.—Snyder & Young are preparing to put up two houses, 20x100 in the spring.

Fremont, Neb.—C. H. Green represents the florists of the state on the board of directors of the Nebraska State Horticultural Society.

Carnations Rooted Cuttings

FINE HEALTHY STOCK

	Per 100.	Per 1000.
Enchantress	$3.50	$30.00
Queen	2.50	20.00
Lawson	2.00	15.00
Queen Louise	2.00	15.00
Wolcott	2.00	15.00
Floriana	1.50	12.50
Lord	1.25	10.00
Fiancee	12.00	100.00

ROBERT C. PYE, Nyack, New York.

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.
CARNATIONS OUR SPECIALTY

ROOTED CUTTINGS

Of early Chrysanthemums, Opah, Mme. Bergmann, Willowbrook and October Sunshine.

Rooted Cuttings of Violets of all kinds.

ELI CROSS, Grand Rapids, Mich.

Mention The Review when you write.

NICE CLEAN STOCK!

Rooted Carnation Cuttings Cheap.

Enchantress, Nelson Fisher, M. A. Patten, Gov. Wolcott, Boston Market, White Cloud and Mme. F. Joost. Also unrooted of last two varieties. PRICES ON APPLICATION.

C. G. VELIE & SON,

Valley View Greenhouses. Marlborough, N.Y.

MODEL EXTENSION
Carnation Supports.
ALSO
Wire Rose Stakes and Tying Wire.

Igoe Bros., Manufacturers, 226 North 9th St., Brooklyn, N. Y.

Mention The Review when you write.

60,000 Grafted Rose Plants

We are now grafting on the best English Manetti the above amount of all selected flowering wood ready for delivery April 1st, in 2½-inch pots, well established and hardened off.

Brides and Bridesmaids, per 100, $10.00.
La Detroit, Gen. MacArthur and Liberty, per 100, $12.00.

ROOTED CUTTINGS.

Bride, Bridemaid and Chatenay, per 100, $1.50.
Perle and Liberty, per 100, $2.50.

Carnations

Rooted Cuttings Now Ready.

	Per 1000
Gov. Wolcott	$12 50
White Cloud	12 50
Norway	12 50
Mrs. Lawson	12 50
Morning Glory	12 50
Joost	12 50
Enchantress	25 00
Crusader	40 00
Crane	12 50
America	12 50
Estelle	25 00
Gaiety	15 00
Prosperity	12 50
Flamingo	50 00

All Plants Shipped from Hinsdale.

Bassett & Washburn,
Greenhouses, Hinsdale, Ill.
Office & Store 76 Wabash Ave., CHICAGO.

Mention The Review when you write.

Always Mention the....
Florists' Review
When Writing Advertisers.

14=FIRST PRIZES=14

AND 3 SECONDS WERE OUR WINNINGS AT THE

American Carnation Society's Exhibition

The Varieties Listed Here Are ALL PRIZE WINNERS } LAST WEEK { If you grow the best you can compete with anyone in the Market, or at Exhibitions.

FANCY BLOOMS	Per 100
THE CARDINAL, Scarlet	$4.00 to $5.00
LADY BOUNTIFUL, White	4.00 .....
WHITE LAWSON	4.00 .....
PROSPERITY	6.00 .....
ENCHANTRESS, Light Pink	4.00 .....
CRUSADER, Scarlet	4.00 .....
HARLOWARDEN, Crimson	4.00 .....
MRS. THOS. LAWSON	4.00 .....

ROOTED CUTTINGS	Per 100	Per 1000
THE CARDINAL, Scarlet	$12.00	$100.00
LADY BOUNTIFUL, White	6.00	50.00
WHITE LAWSON	7.00	60.00
PROSPERITY	2.50	20.00
ENCHANTRESS, Light Pink	4.00	30.00
CRUSADER, Scarlet	5.00	40.00
HARLOWARDEN, Crimson	2 50	20.00
MRS. THOS. LAWSON	2.00	15.00

WE HAVE ALL OTHER NEW AND OLD VARIETIES, 250 CUTTINGS AT 1000 RATE

CHICAGO CARNATION CO., JOLIET, ILL.

Carnations!

ROOTED CUTTINGS READY NOW.

Clean, Healthy Stock, Well Rooted.

	Per 100	Per 1000
RED		
Crusader	$ 5.00	$ 45.00
Estelle	1.50	12.50
Mrs. Ine	1.50	12 50
Flamingo	5.50	45.00
LIGHT PINK		
Gibson Beauty	12 00	100.00
Enchantress	3 00	25.00
Mrs. Higinbotham	1.00	9.00
PINK		
Mrs. Lawson	1.50	12.50
Mrs. Nelson	1.50	12.50
Guardian Angel	1.00	9.00
Mrs. Joost	1.25	10.00
Genevieve Lord	1.25	10.00
Nelson Fisher	6.50	55.00
WHITE		
Boston Market	2.50	20.00
Peru	1.00	9.00
White Cloud	1.50	12.50
Queen Louise	1.00	9 00
Flora Hill	1.00	9.00
VARIEGATED		
Mrs. M. A. Patten	5.50	45.00
Rooted Rose Cuttings—		
American Beauty	3.00	25.00
Liberty	3.00	25.00
Bridesmaid	1.50	12.50
Bride	1.50	12.50
Ivory	1.50	12.50
Golden Gate	1.50	12.50

GEORGE REINBERG

51 Wabash Ave., CHICAGO

$10 per 100
$40 per 500
$75 per 1000

Red Lawson will Bloom

3 to 1 against any other RED Carnation on the market

$10 per 100
$40 per 500
$75 per 1000

8000 BLOOMS Cut and Sold Xmas Week at $1.50 per doz.

Palmer's RED LAWSON

8000 BLOOMS Cut and Sold Xmas Week at $1.50 per doz.

$10 per 100
$40 per 500
$75 per 1000

50,000 CUTTINGS SOLD

and not a word of complaint

FINE, STRONG, HEALTHY CUTTINGS

$10 per 100
$40 per 500
$75 per 1000

W. J. PALMER & SON, Lancaster, N. Y.

Mention The Review when you write.

—UNROOTED—

CARNATION CUTTINGS

The following at $3 per 100; $25 per 1000.

White Lawson, M. A. Patten,
Flamingo, Nelson Fisher,
Lady Bountiful, Crusader,

The following at $2 per 100; $15 per 1000.

Enchantress, The Queen,
Boston Market, Fairmaid.

Imperial Greenhouses, Utica, N. Y.

Mention The Review when you write.

CARNATION CUTTINGS

Well Rooted from Selected Stock.

	Per 100	Per 1000
NELSON FISHER	$7.00	$60.00
MRS. M. A. PATTEN	6.00	50.00
FLAMINGO	6 00	50.00
CRUSADER	6.00	50.00
D. WHITNEY	5.00	40.00
ENCHANTRESS	4.00	30.00
H. FENN	3 00	25.00
MANLEY	3.00	25.00
FAIR MAID	2.50	20.00
QUEEN	3.00	25.00

BACKER & CO., Billerica, Mass.

Mention The Review when you write.

THE NEW ROSE **WELLESLEY**

IS A WELCOME ADDITION TO THE LIST OF FORCING ROSES.

Color is bright pink, with reverse of petals clear silvery pink, thus producing a combination that is exceedingly effective either in daylight or artificial light. Growth is very free and exceptionally vigorous and will prove satisfactory every month in the year. Delivery strictly in rotation, beginning April first. PRICES: Own Root—$25 per 100; $55 per 250; $100 per 500; $200 per 1000. Grafted—$30 per 100; $70 per 250; $130 per 500; $260 per 1000.

Waban Rose Conservatories, Natick, Mass.

JOHN N. MAY, - - SUMMIT, NEW JERSEY.

MILWAUKEE.

If every daily paper were to feature McKinley day as did the Sunday Sentinel it would not take very long to make it an occasion of prime importance to the florists' trade. The Sentinel devoted the front page of its colored supplement January 29 to a portrait of President McKinley surrounded by a bunch of well executed carnations with the inscription beneath, "Wm. McKinley, whose favorite flower is worn today by a grateful and loving people." The Sentinel is the leading paper in Milwaukee and the advertisement was of great value to the trade, although the weather was too cold to permit of the wearing of carnations upon the street.

BRIDGEWATER, CONN.

All the wholesale growers and retail dealers report a very good business during the holidays, but trade has been a little slow through January in spite of considerable funeral work.

G. C. Bouton & Son are comparatively recent additions to the craft here, as they started in business only three years ago. They began with a greenhouse for their own amusement, but the neighbors came to them for plants and at the end of the year they found that they had made money, and built another greenhouse next season, growing about 500 carnations and a quantity of bedding stock. They also did quite a business with tomato and other vegetable plants. Last year they built a small house for chrysanthemums and expect to add more glass shortly.

FINDLAY, O.—F. W. Herleman, of Marion, Ind., has been here on a visit.

Carnation Cuttings.

	Per 100	Per 1000
ENCHANTRESS	$3.50	$30.00
FAIR MAID	2.50	20.00
QUEEN	3.00	25.00
QUEEN LOUISE	2.00	15.00
LAWSON	2.50	20.00
CRESSBROOK	2.00	15.00
CHALLENGER	2.00	15.00
MACEO	2.00	15.00
H. FENN	3.00	25.00
PROSPERITY	2.50	20 00
MRS. BRADT	3 00	25 00
FIANCEE	12.00	100.00

C. WARBURTON, Fall River, Mass.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS!

We have a big stock of cuttings ready for delivery—clean, well rooted, as good stock as we ever sent out and as good as you could ask. **As a Leader** we offer

MRS. LAWSON, $1.25 per 100; $10.00 per 1000.

	Per 100	Per 1000
WHITE—		
Boston Market	$2.00	$18.00
Flora Hill	1.00	9.00
RED—		
Estelle	1.50	12 00
Mrs. Ine	1 50	12.00
VARIEGATED—		
Stella	2.00	15.00
CRIMSON—		
Roosevelt	$1.50	$12.00
Harry Fenn	2 00	15 00
PINK—		
Lawson	1.25	10.00
Mrs. Nelson	1.50	12.00
Triumph	1.50	12 00
Guardian Angel	1.00	9.00

All goods sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

J. A. BUDLONG, 37-39 Randolph Street, **CHICAGO**

Mention The Review when you write.

FIANCEE CUTTINGS.

TO THE TRADE:—

We beg to inform all florists who have orders placed for Carnation Fiancee we have been somewhat disappointed in its refusing to produce enough cuttings for January deliveries owing to its superb habit of producing long flowering stems only.

These stems have now been pinched back from 30,000 plants and there is now an abundance of excellent cuttings coming along.

We are putting in the sand large batches every week and expect by the latter end of March that all orders now on our books will have been filled. There is an average of 20 cuttings to the plant now in sight making a total of 600,000 available cuttings for Spring deliveries.

Fiancee has no disease of any kind; it makes fine strong plants by Fall, even from May struck cuttings, in fact it is the strongest grower of any carnation.

We further wish to state that we intend everyone shall be satisfied with the quality of cuttings received; would rather be the loser ourselves than otherwise.

Those who visited our greenhouses after the Convention can vouch for the reliability of this statement in the whole and especially for quality and quantity of cuttings obtainable.

We ask everyone to be patient and in the end they will have no kick coming to anyone. CHICAGO CARNATION CO.

Jas. Hartshorne, Mgr.

Feb 1, 1905.

Carnation Rooted Cuttings

	Per 100	Per 1000
WHITE LAWSON	$6.00	$50.00
FLAMINGO	6.00	50.00
ENCHANTRESS	3.00	25.00
THE QUEEN	2 50	20.00
THE CARDINAL, from 2-in. pots	12.00	

LARCHMONT NURSERIES, Larchmont, N. Y.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

	Per 1000		Per 1000
Enchantress	$25 00	Adonis	$25.00
Lord	10.00	Estelle	12 50
Angel	10 00	Bradt	10.00
Lawson	12.50	Peru	10.00
Flora Hill	10.00	Queen Louise	8.00

Cash or C. O. D.

PERCY JONES, 58-60 Wabash Ave., **CHICAGO**

Mention The Review when you write.

Strong Rooted Carnation Cuttings

	Per 1000		Per 1000
Enchantress	$30.00	Adonis	$25.00
Lord	10 00	Flamingo	50.00
Angel	10.00	Estelle	15.00
Lawson	10 00	Bradt	10 00
Gov. Wolcott	10 00	Mrs. M. A. Patten	40 00
Flora Hill	10.00	Peru	10 00
Boston Market	20.00	Queen Louise	8.00

Cash or C. O. D.

SOL. GARLAND, Des Plaines, Ill.

Mention The Review when you write.

BOSTON FERNS!

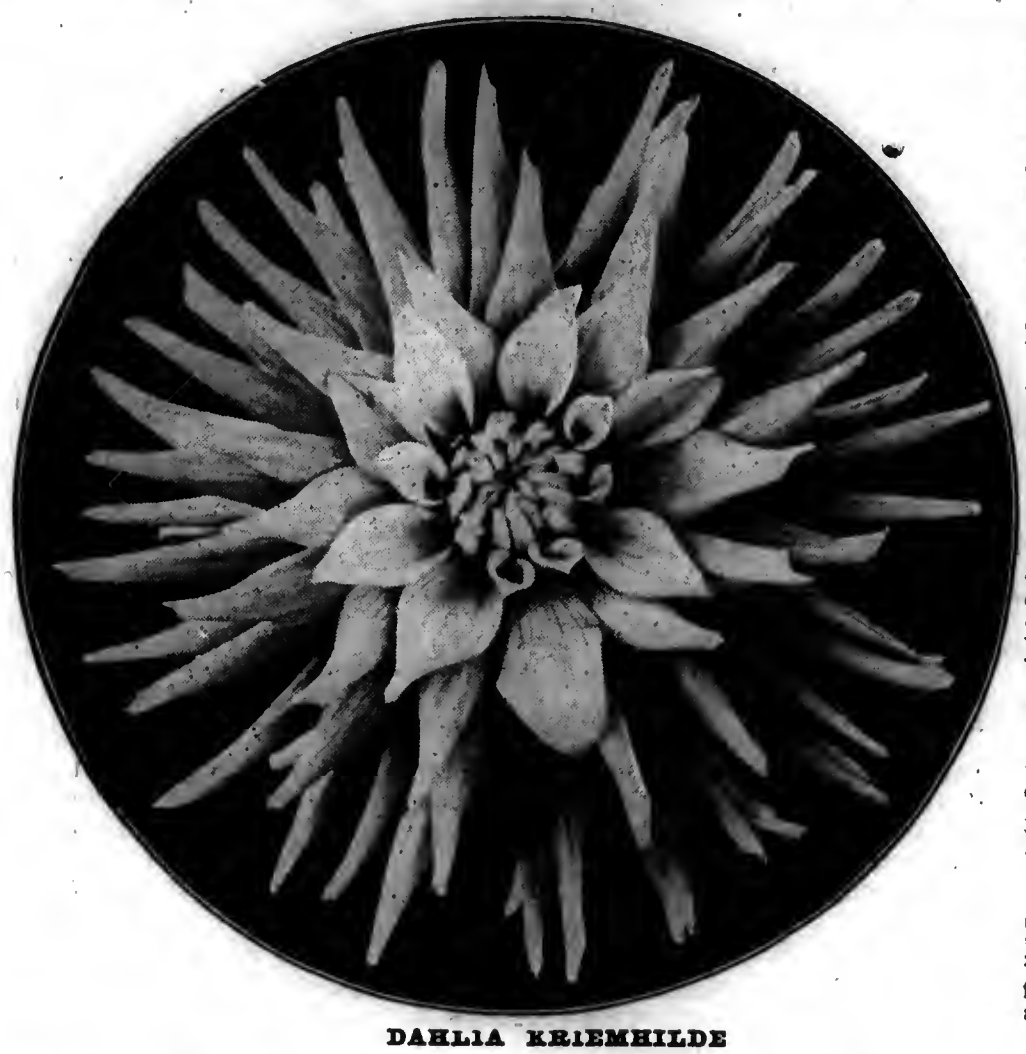
2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.

DAVIS BROS.,

Morrison, Ill., and Geneva, Ill.

Mention The Review when you write.

DREER SEASONABLE SPECIALS!



DAHLIA KRIEMHILDE

Dahlia Kriemhilde The most beautiful Dahlia among the Cactus varieties in cultivation today. Its delicate combination of colors is well reproduced in the colored plate on the cover of our this season's Retail Catalogue; its delicate shell pink petals, passing to white in the center make it the ideal flower for cutting, an early and continuous bloomer, with strong, long stems. Field-grown roots, $1.50 per dozen; $12.00 per 100.

Dahlia Twentieth Century The most popular single variety for cutting. Roots, $2.00 per dozen; $15.00 per 100.

We make a specialty of Dahlias, and list 175 varieties in our current Wholesale List, the cream of all the various types, and the most up-to-date collection in the country.

The New Marguerite, or Daisy Queen Alexandra

We are now booking orders for delivery during the latter part of February for this charming new form of Chrysanthemum frutescens, or Paris Daisy; the flowers are from 2½ to 3 inches in diameter, of a pure white color, the greater percentage of these coming full double, not unlike an Anemone-flowered Chrysanthemum, though single and semi-double flowers appear on the same plant, all of which, however, are handsome. A plant that is certain to prove valuable, both as a pot plant as well as for cut flowers; 20 cents each; $2.00 per dozen; $15.00 per 100.

Phlox F. G. von Lassburg The Finest White Phlox to date: the individual flowers are double the size of any white variety now in cultivation, a strong grower and a free continuous bloomer; 25 cents each; $2.50 per dozen; $18.00 per 100. Phloxes are one of our specialties. If you require standard varieties we are in position to supply the leading sorts by the thousands.

DREER'S QUARTERLY WHOLESALE PRICE-LIST of SEEDS, PLANTS, BULBS, etc. is mailed to all Florists. If you do not have it at hand, please advise us and a copy will be sent at once.

HENRY A. DREER, — 714 — CHESTNUT ST. PHILADELPHIA, PA.

"My Maryland"

The largest most productive and most profitable white carnation yet raised. Will be disseminated in 1906. Write us about it. Also for other new and standard carnations.

Chrysanthemum Stock Plants

Dr. Enguehard	$.35 each;	$3 00 per doz.
White Mrs. J. R. Tranter.	.35 each;	3.00 per doz.
American Beauty	.35 each;	3.00 per doz.
S. T. Wright	.50 each;	5.00 per doz.
Uncle John	.35 each;	3 00 per doz.
Rockford	.25 each;	3.00 per doz.

Mrs. Probin, 35c each. Mrs. Newell, 35c each.

Pacific, P. Rose, Willow Brook, Ivory, Mrs. J. Jones 10c each; $6.00 per 100. Orizaba, Halliday, Monrovia, Merry Xmas, Liger, H. Sinclair, 10c each, $7.00 per 100.

H. WEBER & SONS, Oakland, Md.

Mention The Review when you write.

ROOTED CARNATION Cuttings, Now Ready

White Lawson,	M. A. Patten,
Flamingo,	Nelson Fisher,
Lady Bountiful,	Albatross,

The above at $5 per 100; $40 per 1000.

The following at $3 per 100; $25 per 1000.

Enchantress,	The Queen,
Boston Market,	Fairmaid.

Imperial Greenhouses, Utica, N. Y.

Mention The Review when you write.

Rooted Cuttings CARNATIONS Clean and Healthy

MRS. M. A. PATTEN	$6.00	per 100
NELSON FISHER	7.00	"
ENCHANTRESS	3 00	"
WOLCOTT	2.00	"
BOSTON MARKET	2.00	"
J. H MANLEY	2.00	"
MACEO	2.00	"

SIDNEY LITTLEFIELD, North Abington, Mass.

Mention The Review when you write.

RED SPORT (Of Maceo.)

This new "Bread and Butter" commercial brilliant "Crane" Red Carnation, now in its fourth year, has the hardy constitution of General Maceo, with a stronger heavier growth, longer and stiffer stem and a larger flower. Growing under the same conditions and in the same house with Flamingo and Estelle it has produced four times as many blooms as the former and twice as many blooms as the latter. The color is as good as Estelle and the bloom brings as much as does Estelle at its best. Every flower is of a uniform brilliant red, perfectly double with an ideal calyx, in fact we never saw a split one.

Red Sport is perfectly healthy, an easy variety to grow, an early and continuous bloomer, throwing its heaviest cuts around the Christmas holidays and during the Winter months when red is in demand. **Red Soort** wi l keep longer and travel farther than any other red carnation, and will prove a bonanza to the grower who does a shipping business. If the scarcity of reds in the market that now exists continues **Red Sport** will pay better to the square foot of bench than any other variety of any color to date. Every florist who has seen **Red Sport** growing has placed an order for rooted cuttings, which tells the tale. All our stock is sold up to January 25th. Orders filled in strict rotation from that date on. Price, 12 for $1.50, 25 for $2.50, 50 for $4.00 all post paid. $6.00 per 100, $50.00 per 1000, by express. We guarantee all cuttings to be well rooted and to arrive in good condition.

A. B. DAVIS & SON, Carnation Specialists, PURCELLVILLE, VA.

Mention The Review when you write.

Rooted Carnations.

	100	1000
MRS. T. W. LAWSON	$2.50	$20 00
HARRY FENN	2.50	20.00
QUEEN LOUISE	2.00	15.00
MRS ROOSEVELT	2.50	20 00
ALPINE GLOW	2.00	15.00
MANLEY	2.50	20.00

Our stock is first-class and true to name. Ready for delivery March 1. Cash with order. Please place your orders now.

H. ELTZHOLTZ, Cedarhurst, L. I.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Carnation Rooted Cuttings

	Per 100	Per 1000
Lady Bountiful	$6.00	$50 00
The Belle	6 00	50 00
Flamingo	6.00	50.00
Nelson Fisher	6 00	50 00
Mrs. Patten	6.00	50 00
Enchantress	3 50	30.00
Prosperity	3 00	25.00
Manley	3.00	25 00
Boston Market	3 00	25 00
Nelson	3.00	25.00
Harry Fenn	2 50	20 00
Gov. Wolcott	2.50	20.00
Adonis	2.50	20.00
Lawson	2 00	17.50
Fairmaid	2.00	17 50
White Cloud	1.50	12.50
Morning Glory	1.50	12.50
Joost	1.25	10 00
Triumph	1.25	10.00

500 at 1000 rate.

FERNS: Boston Ferns, 2½-inch, $5.00 per 100; 3-inch, at $8.00; 4-inch, at $15 00; 5-inch, at $25.00; 6 inch, at $40.00; 7-inch, at $90.00.

CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

Fred Burki

is the ideal Commercial White Carnation.

Its freedom of bloom coupled with its other meritorious qualities will commend it to the most conservative growers. You will make no mistake by growing **FRED BURKI.**

$12.00 per 100; $100.00 per 1000; 250 at 1000 rate.

JOHN MURCHIE,
SHARON, PA.

S. S. SKIDELSKY,
824 No. 24th St., Philadelphia.

WRITE FOR DESCRIPTIVE CIRCULAR.

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Chrysanthemum Novelties

We are headquarters for the best new varieties. Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Mileham, Lady Cranston, A. J. Miller, Mrs. D. V. West, etc., etc. Complete list now ready. Send for a copy.

CHARLES H. TOTTY, MADISON, N. J.

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PROPAGATING DAHLIAS.

Will it do to grow cuttings from dahlia bulbs which were produced from cuttings last spring? I took quite a lot of cuttings from some choice kinds last spring, which proved to be far better than the flowers grown from the original bulbs. What I want to know is if it will do to continue growing cuttings from bulbs produced from cuttings, or if they will run out, or in other words come without any blooms or imperfect ones? If started early I believe a person could raise at least 100 plants from a single bulb, as the cuttings will soon produce more cuttings and so on.

L. M. B.

We have never heard that any variety of dahlias deteriorates by cuttings taken from the roots, that is, year after year propagated by cuttings. Propagation again the same spring from these cuttings I am not so sure about, but if not done to excess I see no reason why there should be any weakening of the plant. Propagation by cuttings, as we do our carnations, roses and hundreds of other plants, is not producing a new individual. It is simply a division of the old and unnaturally keeping them growing and no rest.

Some plants, or even varieties of the same species, endure this treatment for many years; others don't. In the case of the dahlia it is not quite the same. In June you plant out the stock propagated from a cutting. It forms healthy roots and tubers and you give them a rest during winter, until the following March or April, before starting to produce cuttings. An expert on dahlias told me years ago that he always preferred young plants to produce his prize flowers. An authority writing on dahlias, says that a cutting should always be cut close to a joint. If cut between joints it will grow and flower but no tubers will be formed, only thin, straggling roots.

W. S.

200,000 PANSIES—Fine large transplanted plants, Prize Strain, of the famous large-flowering Bugnots Cassiers, Odier and Trimardeau. stocky plants from cold frame, 50c per 100; $3 00 per 1000. Mammoth Verbenas. R. C., 60c per 100; $5.00 per 1000. Dwarf Blue Lobelia, R. C, $1.00 per 100; $8 00 per 1000. Ageratum Dwarf Blue, 60 c per 100. Asparagus Plumosus. from flats, ready for 3-inch. $2.00 per 100; 3-inch. $3.00 per 100. Stocks. double white for Easter, $1 00 per 100; $8 00 per 1000. Salvias. Red Splendens, $1.00 per 100. Feverfew. double white, $1.00 per 100; $8.00 per 1000. Daisies. double white. 75c per 100; $5.00 per 1000. Plants by the 100 free by mail.

SAMUEL WHITTON, 15-17 Gray Ave., **UTICA, N.Y.**

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CANNAS

DRY ROOTS OR STARTED PLANTS

We have too many of them. We must sell about fifty thousand. You are offered the following as long as the surplus lasts, at $3.00 per 100 for dry roots, and $5.00 per 100 for started plants ready to pot up. Order quick. We think this is a "snap" for you; but we have no market for so many.

Duke of York	Souv. de A. Crozy	Gladiator
Black Beauty	Kate Gray	Striped Beauty
Niagara	Buttercup	Martha Washington
Pennsylvania	Duke of Marlborough	Chatauqua
Florence Vaughan	Rosemawr	Alemannia
Ex. Crampbel	David Harem	Pillar of Fire
Brandywine	H. Wendlandt	Egandale
J. D. Cabos	Beaute Poitevine	Queen of Holland
Partenope	Paul Marquant	Queen Charlotte
Seedling No. 2	Wm. Boffinger	West Grove
Burbank	Metallica	St. Louis
President Meyer	Eastern Beauty	Philadelphia
Chas. Henderson	Alsace	Triumph
Jean Tissot	Geo. Washington	Louise
Mme. Crozy	Evolution.	

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Michel Plant and Bulb Co., St. Louis, Mo.

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Better get a stock of our **INDIANA MARKET.** It does not burst. It always has a beautiful round form, and it is the freest blooming white we have to-day. A fine bloomer both winter and summer. Strong clove scent.

BEATRICE is easily the freest and most profitable light pink carnation on the market. Long strong stems, no burst calyx, and a fine color. Just what you want in large quantity for moderate-priced blooms for your every-day trade.

FLAMBEAU—the warm-weather scarlet.

All three were awarded Certificates of Merit Nov. 15, 1904, by the State Society of Indiana Florists. $10.00 per 100; $80.00 per 1000.

Get our descriptive price list of the cream of last year's novelties as well as standard sorts. **Indianapolis** is the most profitable deep pink carnation on the market. $5.00 per 100; $45.00 per 1000.

BAUR & SMITH, CARNATION CUTTINGS A SPECIALTY. 38th St. and Senate Ave., **INDIANAPOLIS, IND.**

Bedding Plants

Cash with order.	Per 1000	Per 100 2¼-in. Exp.	Per 100 R. C. Mail
50,000 Alternantheras, red, yellow, R. C.	$ 5.00	$15.00	$0.65
Alyssum double sweet		2.00	1.00
Besler Ferns 5-inch.....25 cts.,		3.00	
Feverfew, Little Gem	15.00	2.00	1.00
Fuchsia, 6 named varieties		2.50	1.25
25,000 Geraniums, Nutt and 20 other varieties		2.50	1.50
15,000 Geraniums, Mme. Salleroi.		2.00	1.00
Petunias, double fringed, white.		2.50	1.50
Pansies, Florists' International, in bud and bloom	15.00		2.00
Salvia, 4 named varieties		2.00	1.00
Forget-me-nots		2.00	1.00

LUDVIG MOSBAEK, Onarga, Ill.

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Asparagus Plumosus

FINE PLANTS, ready for 3-inch pots, $2.50 per 100.

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10,000 Latania Borbonica PALMS

We have a fine stock of this variety, strong plants in 2½ and 3-inch pots, some of which are showing character leaves, ready for immediate shift. While they last, **$5.00 per 100; $45.00 per 1000.**

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WEST GROVE, PA.

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Pyramid KAISER KRONEN Standard Bay Trees

Orders booked now.

Julius Roehrs, Rutherford, N. J.

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SPECIAL.

J. B. Braidwood, Successor to William Clark.
COLORADO SPRINGS, COLO.
Send for Price List.

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LORRAINE BEGONIAS

Now is the time to order your stock for early delivery. Fine thrifty stock from 2-in. pots.

April delivery.....$15 00 per 100
May delivery..... 12.00 per 100
Special quotations on 1000 lots.

A. JABLONSKY, WELLSTON, ST. LOUIS, MO.

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Boston Ferns

Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots, at 25c, 50c, 75c, $1.00 each.

KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS

Cash or reference please.

L. H. Foster, 45 King St. Dorchester, Mass.

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NEPHROLEPIS SCOTTII

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time. Prices—6-in. pot-grown, ready for 8-in., $15.00 per doz.; 7-in. pot-grown, $24.00 per doz.; 8-in. pot-grown, $36.00 per doz.

JOHN SCOTT, Keap Street Greenhouses, BROOKLYN, N. Y.

Mention The Review when you write.

GERANIUMS

Good strong healthy plants, from 2¼-in. pots, 40c per dozen; $2.00 per 100; $17.50 per 1000, provided that not less than 200 of any one variety are ordered.

DOUBLES—Bruanti, Centaure, Comtesse de Harcourt, Double Gen. Grant, Gloire de France Jean Viaud, La Favorite, Le Cid, Mme. Canovas, Mme. Charotte, Mme. Jaulin, Mme. Landry, Miss Kendell, Miss Frances Perkins. **SINGLES**—Granville, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Single Gen. Grant.

Greenhouse Plants

2¼ in stock; not less than 5 of any one variety sold.

	Per 100	1000
Abutilon Savitzii	$2 00	
Ageratums, dwarf white and Stella Gurney, 40c per doz.	2.00	
Alternanthera, red and yellow, in variety	2.00	$15.00
Alyssum, dwarf and giant double, 40c per doz.	2.00	
Aquilegia (Columbine), single mixed	3.00	
Cannas, 10 varieties, 3-in.	4 00	
Coleus, good varieties	2.00	15.00
Cuphea (Cigar plant)	2.00	
Fuchsias, Black Prince, Minnesota,	2.00	
Gaillardia Grandiflora	3.00	
Hardy Chrysanthemums, large flowering varieties	3.00	
Our collection of Hardy Chrysanthemums was awarded the diploma at New York by the American Institute.		
Hardy Chrysanthemums, small flowering varieties	2.00	
Hardy English Ivy	2.00	15.00
Heliotrope, good varieties	2.00	
" Chieftain, a fine variety, 40c per doz.	2.00	17.50
Hibiscus, 3 varieties	$3.00	
Hollyhock, double white and mixed, 3 in. pots	3 00	
Holt's Mammoth Sage	2.00	$15.00
Lemon Verbena	2.50	17.50
Lantanas, 10 varieties	2.00	17.50
Lobelia, Crystal Palace, dwarf, 40c doz.	2.00	
Maranta Massangeana	4.00	
Moonvines, white and blue, 50c doz.	3.00	
Petunias, double, mixed	2 50	
" 5 named varieties	3 00	
Phlox, hardy, 10 named varieties	3 00	
Salvia, in variety	2.00	17.50
Smilax, strong	2.00	15.00
Stevia, variegated	2.00	
Swainsona Alba and Rosea	2.00	17.50
Sweet William, double, mixed	3.00	
Verbenas, white, purple, scarlet	2.00	

Write us for special price on large lots of anything in this list.

DAHLIA ROOTS.

Good selection of standard varieties, $5.00 per 100; $40.00 per 1000. Mixed $4.00 per 100; $35.00 per 1000. Send for list.

CASH WITH ORDER.

A cordial invitation is extended to our customers, and the trade in general, to visit us and inspect our place.

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Dahlias, Awarded 10 Gold Medals in 1903 and 12 Gold Medals in 1904. Pot Roots, Awarded the Silver Medal by the International Jury at the St. Louis Exposition.

POT ROOTS FOR SHIPMENT AT ONCE Every section, including the popular CACTUS DAHLIAS at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 per 100. These are post free terms. Note this when comparing prices. **Terms cash with order.**

TEMPTING BARGAINS Those who prefer to have their goods through a forwarding house instead of by parcel post can be supplied in every section, including Cactus at $4.00, $5.00 and $6.00 per 100 in 25 sorts.

12 SEEDLING CACTUS DAHLIAS All 1903 sorts and certificated by the Dahlia Societies in England; post free for $2 50; Albion, Etna, Eva, Iceberg, John Gilpin, Mabel Tullock, Winsome, Amos Perry, Fred Cobbold, F. H. Chapman, Loogalu and Red Cap.

1904 SEEDLING CACTUS DAHLIAS A rare opportunity; only a few to offer at $1.25 each, post free in quantities of not less than 4 sorts. Dainty, Dorothy Vernon, Effective, Northern Star, Sweet Nell., Yellow Gem, F. M. Stredwick, Mrs. Brousson, Mrs. Wilkinson, Oliver Twist, Hereward, Comet, Osprey, Sirius and Rainbow. One each of these 16 novelties post free for $16.00. **Terms cash with order.**

HOBBIES LIMITED Catalogue free of charge. NORFOLK NURSERIES DEREHAM, ENG.

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A 1 Asparagus

SPRENGERI—Not the usual, recently potted stock but **strong, healthy, field-grown, thoroughly established in pots** and have grown into bushy, salable plants. These we are now offering from 2½-inch pots, $3.00 per 100; 3-inch pots, $5.00 per 100.

TENUISSIMUS—A large, healthy lot of this grand variety in need of a shift, from 2¼-inch pots, $3.00 per 100; 3-inch pots, $5.00 per 100.

Nathan Smith & Son, Adrian, Mich.

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BOSTON FERNS. Fine plants, 4 inch, $12.00 per 100; 5-inch, $24.00 per 100.
Field-grown **CARNATION** Plants, Joost, Freedom and Goodenough, $4.00 per 100.
VINCA, rooted cuttings $1.00 per 100.
Converse Greenhouses, Webster, Mass.

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ROOTED COLEUS CUTTINGS

Verschaffeltii, Golden Queen, Lord Palmerston, Fire Brand, Beckwith's Gem, Queen Victoria and Fancies, 60c per 100; $5.00 per 1000.

Golden Bedder, (original), **and Hero, 75c per 100; $6.00 per 1000.**

A discount of 10 per cent allowed on 10,000 or more Coleus. More liberal discounts on larger orders.

AGERATUM—Princess Pauline and Stella Gurney.

SALVIA—Splendens and Jean Revenal. Rooted cuttings 75c per 100; $6.00 per 1000.

VINCAS—Variegata, 8-inch pots, $5.00 per 100.

FRANK A. PIERSON, Cromwell, Conn.

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FINE ASPARAGUS SPRENGERI

from bed, 3 year old, in fine growing state. $10.00 per 100.

G. W. Renard & Bro., L. B. 32, Avondale, Pa.

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The Fumigating Kind Tobacco Powder

What a Few Say, All That Use It Say.

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Kindly send us at once 50 lbs. **The Fumigating Kind Tobacco Powder**; best thing we ever used. Can not get the same good results with any other preparation. THE KINDLER FLORAL CO.

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No, all flower growers are not liars. Your **Fumigating Kind Tobacco Powder** fills the bill. Clean, quick and efficacious. No dirty tobacco stems to litter up the paths and taint the carnation flowers with an offensive odor that never leaves them.
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Duplicating so often the past two years our order for **The Fumigating Kind Tobacco Powder** is a sure indication that it has no equal in our estimation As an effective insecticide it does the work well.
BUTZ BROS.

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We have tried many fumigants, but have found nothing in the market so effectual and easily used as **The Fumigating Kind Tobacco Powder.** Your prices are reasonable for so good an article.
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A FREE trial five-pound bag will cost you nothing more than the express charges on it. The trial bag will prove our assertion that it is the most effective, cleanest and quickest as well as the cheapest (10 cents per 100-foot house) article to fumigate with. All aphis killed in one night—our booklet tells of it; we mail one on request.

THE H. A. STOOTHOFF COMPANY, Tobacco Powder Hobbyists, 116, 117, 118 West St., New York

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NEW ORLEANS.

The horticulturists of New Orleans met January 20 in Kolb's Hotel and discussed plans for the furtherance of the interests of the profession in this section. President Harry Papworth presided.

Among the things discussed was the coming state convention which will be held here, and a fall flower show. No flower show has been given in three years because the society lost money on the last one. Secretary Panter proposed that the show, if given, be given for the benefit of the society. A committee was appointed to handle the subject. C. W. Eichling recommended earnestly that a movement be started for the inauguration of a course in horticulture in the public schools. After his talk a resolution was adopted favoring the project.

The secretary's report showed $123 balance on hand. A committee on resolutions was appointed to draw up resolutions on the death of Dan Newsham, a prominent light of the society.

PIPING.

How many runs of 1¼-inch pipe will it take to heat with steam a house 11x30 and one 20x28. The two houses are attached. We need a temperature of 50 to 55 degrees in coldest weather.
S. J. H.

In order to successfully heat the houses under consideration to 55 degrees during severe weather the house 20x28 feet should contain a 2-inch riser under the ridge, carried to the most distant point from the boiler, and there divide into two or three manifolds or coils to return under the benches or along the side walls, the coils so placed as to have a total of eleven 1¼-inch pipes. About five of these pipes should have valves at each end, so that during warm weather they can be put out of service. The smaller house, 11x30, should be piped in like manner. Use a 2-inch riser and seven 1¼-inch pipes in the returns. In this case it would be well to put valves on three of the seven returns. L. C. C.

50,000 FINE
ASPARAGUS PLUMOSUS NANUS

	Per 100	Per 1000
ASPARAGUS PLUMOSUS NANUS, 2½-inch,	$2.00	$15.00
ASPARAGUS PLUMOSUS NANUS, 3½-inch,	3.50	30.00

Express Prepaid at above Prices—CASH

WM. LINFOOT, 317 N. Vermilion St. DANVILLE, ILL.

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FORCING STOCK FOR EASTER

AZALEA MOLLIS—Full of buds, nice even heads, force easily, 12 to 15 inches high, $30.00 per hundred; 15 to 18 inches high, $40.00 per hundred.
DEUTZIA GRACILIS—Grown especially for pot culture; very bushy; 12 to 15 inches high, for 6-inch pots, $6.00 per hundred; 15 to 18 inches high, for 7 or 8-inch pots, $8.00 per hundred.
DEUTZIA LEMOINEI—Similar to Gracilis, but stronger grower; 15 to 18 inches high, for 6-inch pots, $8.00 per hundred; 18 to 24 inches high, for 7 or 8-inch pots, $10.00 per hundred.
RHODODENDRONS—Best named Hybrids, bushy and full of buds; 20 inches high, $9.00 per dozen; 24 inches high, $12.00 per dozen; 30 to 32 inches high (heavy), $24.00 per dozen.
SPIRAEA JAPONICA—$3.00 per hundred.
SPIRAEA NANA COMPACTA—$1.00 per hundred.

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Rooted Cuttings

PELARGONIUMS, 15 var., $2.25 per 100.
VERBENAS, 30 var., 60c per 100; $5.00 per 1000.
HELIOTROPE, 12 var., $1.00 per 100; $8 per 1000.
PETUNIAS, 20 var., $1.25 per 100; $10.00 per 1000.
SALVIAS, 6 var., $1.00 per 100; $8.00 per 1000.
GIANT ALYSSUM, $1.00 per 100; $8.00 per 1000.
AGERATUMS, 4 var., 60c per 100; $5.00 per 1000.
COLEUS, 40 var., 70c per 100; $6.00 per 1000.
DAISIES, $1.00 per 100.
Express prepaid on all R. C.
Cash with orders. Write

S. D. Brant, Clay Center, Kan.

RUDBECKIA	Per 100
Extra choice, large clumps	$5.00
ASPARAGUS SPRENGERI, Extra quality, 2¼-in. pots	2.00
ASPARAGUS PLUMOSUS, Extra quality, 2¼-in. pots	2.50
ASPARAGUS PLUMOSUS, Extra quality, 3-in. pots	4.00

Above prices cash with order.

JOHN BROD, Niles Center, Illinois

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Rooted Cuttings

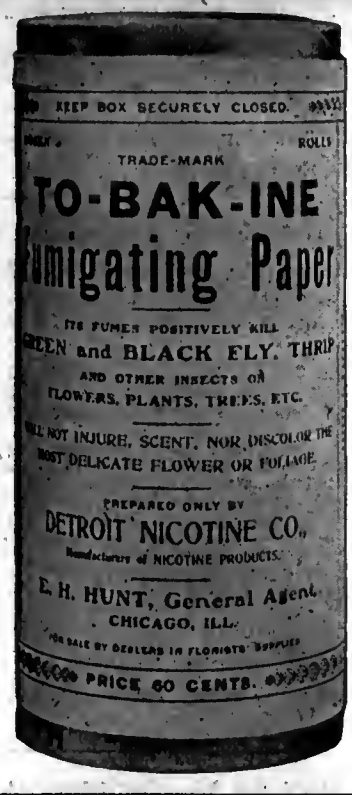
	100	1000
Alternantheras, red and yellow		$5.00
" brilliantissima	$4.00	
Ageratums, Stella Gurney	.60	
Heliotropes	.60	
Coleus, 5 best varieties	.60	5.00
Santolinas	.60	5.00
Echeveria Secunda Glauca, first size	5.00	
" " " second size	3.00	
	Each	
Latania Borbonica, 5-inch	25 cents	
" " 6-inch	45 cents	
" " 7-inch	75 cents	
Kentia Belmoreana, 4-inch	25 cents	
" " made-up, 7-inch	$1.50	
Boston Ferns, 4-inch	12 cents	
" " 5-inch	20 cents	
" " 6-inch	35 cents	

All grown in full light.

Asparagus Plumosus, 4-inch 15 cents

Or will exchange for rooted cuttings of Boston Market or White Lawson Carnations.

Jacob Russler, 114th St. and Avon Ave. MORGAN PARK, ILL.



To-Bak-Ine Fumigating Paper.

INDORSED BY THE GOVERNMENT.

INTERSTATE COMMERCE COMMISSION.
Office of the Secretary.

EDWARD A. MOSELEY, Secretary. WASHINGTON, D. C., Sept. 21, 1904.

E. H. HUNT, Chicago. Dear Sir:—Please send me a sufficient amount of your product, **To-Bak-Ine**, to fumigate four times a carnation house 22 x 100 feet. I want the same as that sent the **Department of Agriculture** some time ago, which was **Fumigating Paper.** My friends there **speak of it in the very highest terms.** I want it at once, please. Very truly yours, EDWARD A. MOSELEY.

A. F. J. BAUR says:—"For fumigating carnation houses in full crop, To-Bak-Ine Fumigating Paper is the finest thing we have ever come across; no fading of blooms; no odor left."

1 BOX (12 rolls), 60c. 1 CASE (144 rolls), $6.50.

Send for Our Booklet, "WORDS OF WISDOM," by Leading Growers, containing full directions as to exterminating all Greenhouse Pests.

E. H. HUNT, 76-78 Wabash Ave. Chicago, Ill.

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the finest train on earth, and connect in Union Station, St. Louis, with the Hot Springs Special on the Iron Mountain, reaching Hot Springs next morning at 8 o'clock.

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C. S. CRANE, G. P. & T. A., St. Louis. F. A. PALMER, A. G. P. A. Chicago.

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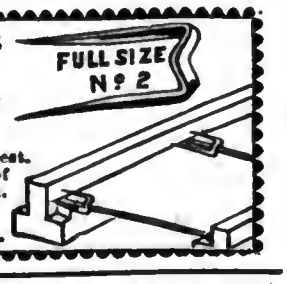
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ARE POSITIVELY THE BEST. LAST FOREVER. Over 16,000 pounds now in use. A sure preventive of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes, ⅝ and ⅞, 40c per lb.; by mail 16c extra; 7 lbs. for $2.50; 15 lbs. for $5.00 by express. For sale by the trade.

CHAS. T. SIEBERT, Sta. B., Pittsburg, Pa.

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Holds Glass Firmly
See the Point
PEERLESS
Glazing Points are the best. No rights or lefts. Box of 1,000 points 75 cts. postpaid.
HENRY A. DREER, 714 Chestnut St., Phila., Pa.



Geraniums—R. C., Gen. Grant, Nutt, Hill, B. Poitevine, J. Viaud, Heteranthe, Favorite, J. Doyle, $1.25 per 100; $10.00 per 1000. From 2¼-in., strong, $2.00 per 100; $18.00 per 1000. **Salvias and Achyranthes** from sand, $10.00 per 1000. Cash please. **JAS. AMBACHER, West End, N. J.**

Mention The Review when you write.

IMPORTED JAPANESE
POMPON CHRYSANTHEMUMS
ROOTED CUTTINGS

Having secured the Japanese exhibit of Pompon Chrysanthemums at the World's Fair, we have the following colors to offer:

Flowers from 1 to 2½ in. across; White; White with Lavender Edge; Yellow; Yellow with White Edge; Yellow with Bronze Edge; Lavender, Dark: Lavender, Light; Red; Red Hairy Petals, and Bronze, at $3.00 per 100. Cash with order.

Bentzen Floral Co., St. Louis, Mo.

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CHRYSANTHEMUMS
ROOTED CUTTINGS NOW READY.

A Few of Our Leaders:

Wm. Duckham, Ben Wells, F. A. Cobbold, Leila Filkins, $3.00 per 100; Dr. Enguehard, $4.00 per 100; Mrs. Thirkell, $2.00 per 100.

Send for complete list. No order filled for less than $1.00.

W. A. CHALFANT, Springfield, Mo.

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For Sale, Greenhouse Material

milled strictly of Louisiana Cypress. And will cut and splice to order. Hotbed sash a specialty. Try V. E. Reich's Oxford Putty specially made for greenhouse purposes. Estimates freely furnished for greenhouse and hotbed glass.

V. E. REICH, 1429 Metropolitan Ave. Brooklyn, N. Y.

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YOUR PLANTS
Made to look strong and healthy by using "Nicoticide."
Tobacco Warehousing and Trading Co.
LOUISVILLE, KY.

Mention The Review when you write.

CEMENT
BENCHES
NIAGARA CEMENT & CONCRETE CO.
North Tonawanda, N. Y.

Mention The Review when you write.



Verbena King

Verbenas—Rooted cuttings, 60c per 100. $5.00 per 1000.

Salvias—Bonfire and St. Louis, the two best of them all, $1.00 per 100, $8.00 per 1000.

Alternantheras—70,000 red and yellow, Sept. struck, equal to 2-inch; these are fine; 60c per 100, $5.00 per 1000.

Heliotropes—Ten best named varieties, $1 per 100, $8.00 per 1000.

Coleus—Thirty named leading varieties, 70c per 100, $6.00 per 1000.

Ageratums—Stella Gurney, Princess Pauline, Lady Isabel, 60c per 100, $5.00 per 1000.

Cuphea—(Cigar Plant), $1.25 per 100, $10.00 per 1000.

Sweet Alyssum—Our big double giant, $1.00 per 100, $8.00 per 1000.

Geraniums—Standard named sorts, $1.50 per 100, $12.50 per 1000.

We prepay express charges on all rooted cuttings, and guarantee satisfaction and safe arrival. Write for prices on large lots, also send for list of other rooted cuttings.

C. HUMFELD, Clay Center, Kan.
The Rooted Cutting Specialist.

ROOTED CUTTINGS

Geraniums—The "Five Kings" for bedding. Paul Bruant, (D. scarlet), J. Viaud, (D. pink), Beaute Poitevine, (Dbl. salmon), Mrs. E. G. Hill, (Single salmon), Mme. Buchner, (D. white). Large top cuttings, well rooted, $1.50 per 100; $14.00 per 1000.

Petunias—Double Fringed. We are headquarters for these. Six distinct novelties, labeled, $1.25 per 100; $10.00 per 1000.

Salvias—The two best. Drooping Beauty, (dwarf), Bonfire, (tall), $1.00 per 100; $8.00 per 1000.

Asparagus Plumosus Nanus—Plants from 3-inch pots, $3.00 per 100.

Carnations—Don't buy until you see our list.

Boston Ferns—Strong plants from 4-inch pots, $10.00 per 100.

The W. T. Buckley Co.
SPRINGFIELD, ILL.

Mention The Review when you write.

THE REGAN PRINTING HOUSE
Large Runs of
Catalogues
Our Specialty. Get our figures.
83-91 Plymouth Place, CHICAGO.

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii, 2¼-in. pots, $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACHYRANTHES.

Achyranthe rooted cuttings, from sand, $10.00 1000. Cash. J. Ambacher, West End, N. J.

ADIANTUMS.

Adiantum, a good sort for cut fronds and fern dishes, 2½-in., 3c; 3-in., 5c; 4-in., 8c. Fine stock. A. E. Wohlert, Bala, Phila., Pa.

AGERATUMS.

Ageratums Stella Gurney, P. Pauline and Lady Isabella; rooted cuttings 60c 100; $5.00 1000. Prepaid. C. Humfeld, Clay Center, Kan.

Ageratums Princess Pauline and Stella Gurney, rooted cuttings, 75c 100; $6.00 1000.
Frank A. Pierson, Cromwell, Conn.

Ageratum rooted cuttings. Pauline, blue and white, 50c 100; $4.50 1000.
J. D. Erisman & Son, Swarthmore, Pa.

Ageratum rooted cuttings, 4 var., 60c 100; $5.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Ageratums, Stella Gurney and dwarf white, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Rooted cuttings of ageratums, dwf. blue, 60c 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Princess Pauline, rooted cuttings, 50c 100; prepaid. Hopkins & Hopkins, Chepachet, R. I.

ALTERNANTHERAS.

Alternantheras, red and yellow; rooted cuttings, Sept. struck, 60c 100; $5.00 1000. Prepaid. C. Humfeld, Clay Center, Kan.

Alternantheras, red and yellow; strong, R. C. 50c per 100, $4.50 per 1000. Cash.
Byer Bros., Chambersburg, Pa.

Alternantheras, red and yellow, in variety, 2¼-in., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow, ready March 1. $2.00 100. Cash.
Jos. H. Cunningham, Delaware, Ohio.

Brilliantissima, 75c doz.; $4.00 100.
C. Winterich, Defiance, O.

ALYSSUM.

Sweet alyssum, our big double giant; rooted cuttings, $1.00 100; $8.00 1000. Prepaid.
C. Humfeld, Clay Center, Kan.

Giant alyssum rooted cuttings, $1.00 100; $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Alyssum, dwarf and giant double, 2¼ in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Alyssum Giant, fine 2-in., 2c; R. C., ¾c, mail. Cash.
Byer Floral Co., Shippensburg, Pa.

Alyssum, double, 2-in. pots, $2.00 100. Cash, please. Valley Greenhouse Co., Sewickley, Pa.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

ASPARAGUS.

For sale cheap, 400 4-year-old Asparagus plumosus nanus roots; have them on side table, no head-room to grow strings; will sell for $8.00 per 100. Terms: Cash with order.
H. P. Owen, Central Valley Greenhouses, Toughkenamon, Chester Co., Pa.

Asparagus plumosus nanus, strong, 3-in., from bench, $3.00 per 100; $25.00 per 1000. Cash. Prepaid.
Golden State Plant & Floral Co., Santa Monica, Cal.

Asparagus plumosus nanus. To close out will sell the 2½-in. for $2.25 per 100; 3-in., $3.50 per 100. These are extra value; must clean them out to make room.
W. A. Wettlin, Hornellsville, N. Y.

Asparagus plumosus nanus, 2-in., $3.00 100; 3-in., $1.00 doz., $7.00 100. Sprengeri, 2-in., $2.00 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Asparagus plumosus, 2¼-in., $2.50; 3-in., $4.00. Sprengeri, 2¼-in., $2.00; 3-in., $3.00. Fine and pot-bound ready to shift.
S. M. Harbison, Danville, Ky.

Asparagus plumosus nanus, 4-in., $20.00 100. Sprengeri, 4-in., $12.00 100.
Anderson & Christensen, Short Hills, N. J.

50,000 fine Asparagus plumosus nanus, 2½-in., $2.00 100, $15.00 1000; 3½-in., $3.50 100, $30.00 1000. Express prepaid.
Wm. Linfoot, No. Vermilion, Danville, Ill.

Asparagus Sprengeri, extra quality, 2½-in., $2.00 100. A. plumosus, extra quality, 2¼-in., $2.50 100; 3-in., $4.00.
John Brod, Niles Center, Ill.

Asparagus plumosus, 2-in., $2.00 100; 3-in., $4.00 100; Sprengeri, 2½-in., $2.00 100. Cash.
Geo. L. Miller Co., Newark, Ohio.

A. plumosus nanus, No. 1, 2-in., 2c; 3-in., very fine, 4c; Sprengeri, 2-in., 1¾c. Cash.
Byer Bros., Chambersburg, Pa.

Fine Asparagus Sprengeri from bed; 3 years old, in fine growing state, at $10.00 100.
G. W. Renard & Bro., Avondale, Pa.

Asparagus plumosus nanus, flats, ready for 3-in., $2.00 100; 3-in., $3.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus, 3-in., $6.00 per 100. A. Sprengeri, 4-in., $10.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Asparagus plumosus, fine plants, ready for 3-in. pots, $2.50 100.
The Nunnally Co., Atlanta, Ga.

Asparagus plumosus nanus, 2½-in. pots, $3.00 per 100.
Holton & Hunkel Co., Milwaukee, Wis.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

Asparagus plumosus nanus, small plants, $1.75 100. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus, 2¼-inch pots, $3.00 100. Cash. Joseph Towell, Paterson, N. J.

Asparagus Sprengeri, strong plants, 3-in., 8c; 4-in., 4c. T. E. Guy, Sta. A, Columbus, O.

2000 Asparagus plumosus, 3-in., strong, $5.00 per 100. Maurice J. Brinton, Christiana, Pa.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus Sprengeri, fine, 2½-in., $2.00 100.
A. J. Baldwin, Newark, Ohio.

Asparagus plumosus nanus, 3-in., $3.00 100.
W. T. Buckley Co., Springfield, Ill.

Plumosus and Sprengeri, 2-in., $2.00 100.
Iowa Seed Co., Des Moines, Iowa.

Asparagus plumosus, 4-in., 15c.
J. Russler, Avon Ave., Morgan Park, Ill.

AZALEAS.

Azalea mollis, extra fine, $35.00 100; standards, $75.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

There is no better or cheaper way of reaching the buyers than through the medium of THE REVIEW'S classified advs.

BAY TREES.

New price list on pyramid, Kaiser Kronen, and standard bay trees. Orders booked now.
Julius Roehrs, Rutherford, N. J.

BEGONIAS.

It is now time to start your tuberous begonias for spring bedding. Send us $1.00, $2.00 or $3.00 and we will send you an excellent collection, in single and double, separate colors, or mixed. N. Le Page, Mt. Vernon, N. Y.

Lorraine begonias. Order now for early delivery. Fine thrifty stock from 2-in. April delivery, $15.00 100; May delivery, $12.00 100. Special quotation on 1000 lots.
A. Jablonsky, Wellston, St. Louis, Mo.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Begonia Louis Closson, 2½-in., $3.50 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Rex, 15 sorts, mixed; R. C., prepaid, $1.10 per 100, cash. Byer Bros., Chambersburg, Pa.

Begonia Louise Erdody, strong, $3.00 100.
Iowa Seed Co., Des Moines, Iowa.

Rex begonias, in variety, 3-in., $4.00 100.
Paul O. Tauer, Lebanon, Ind.

BULBS.

Bulbs. Large-flowering BEGONIAS and giant-flowering GLOXINIAS. See display adv. in this issue for colors and prices.
Johnson & Stokes, 217-219 Market St., Phila.

Freesias. Grand Duchess Oxalis, Bermuda Buttercup and other flowering bulbs. Write for catalogue.
Rees & Compere, Long Beach, Cal.

All spring bulbs now ready. Our bulbs are always reliable. Wholesale catalogue for the asking.
Arthur T. Boddington, 342 West 14th St., N. Y.

If you want fine Mexican bulbs, see adv. under the heading of Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

Caladium esculentum, extra fine, 10 to 12-in., $8.00 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Dwarf Pearl and variegated tuberoses, Caladium esculentums, all sizes. Write us.
The H. E. Newbury Co., Magnolia, N. C.

Milla and bessera bulbs, large and small, $5.00 per 1000. Will exchange.
C. R. Orcutt, San Diego, Cal.

D. Rusconi, importer of bulbs, plants and shrubbery, 32 West 6th St., Cincinnati, O.

CACTI.

Epiphyllum truncatum, in bud and bloom; 3-yr.-crowns, from 25c to 50c each. Cash with order. A. Mirring, East St. Louis, Ill.

If you want fine CACTI see adv. under heading Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

CANNAS.

Cannas. Dry roots or started plants. We have 50,000 too many and offer them while they last at $3.00 per 100 for dry roots, and $5.00 for started plants ready to pot up. See our display adv. in this issue for list of varieties.
Michel Plant and Bulb Co., St. Louis, Mo.

Cannas, strong eyes.

	100	1000		100	1000
C. Henderson.	$2.00	$18	Mme. Crozy..	$2.00	$18
F. Vaughan..	2.00	18	Austria	1.50	14

Furrow Bros., Guthrie, Okla.

50,000 cannas, Austria, Italia, Crozy, Marquant, Henderson, at $9.00 per 1000, strong 2 and 3-eye roots. Cash with order, please.
Geo. Just, Jacksonville, Fla.

Canna roots, $1.50 per 100. Tarrytown, Florence Vaughan, Italia, Austria, McKinley, Marlboro, Egandale, Sam Trelease.
C. M. Niuffer, Springfield, Ohio.

NAMED VARIETIES in CHOICE MIXTURE. Strong 2 to 3 eye pieces, 60c per 100; $5.00 per 1000.
NATHAN SMITH & SON, Adrian, Mich.

Cannas. Henderson, $2.00 100; $18.00 1000; Austria, $1.50 100; $14.00 1000. Cash, please.
Valley Greenhouse Co., Sewickley, Pa.

Austria cannas. 5000 extra fine, large bulbs, $20.00 1000; $2.50 100. Cash with order.
Frank Cummings, Meridian, Miss.

Cannas, extra fine, plump bulbs, fine varieties, $1.25 100; $10.00 1000.
A. J. Baldwin, Newark, Ohio.

Cannas, 10 varieties, 3-in. pots, $4.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

CARNATIONS.

WHITE LAWSON, which we introduced last year, has given great satisfaction and has proved to be the finest WHITE CARNATION ever sent out. Remember that we are headquarters for it. We are now booking orders for early delivery, at $7.00 100; $60.00 1000 for first-class, strong rooted cuttings.
We have all the other novelties of the season—Fiancee, Cardinal, Fred Burki, etc., also the cream of the older sorts—Mrs. Patten, Daheim, Enchantress, Flamingo, Mrs. Lawson, etc.
F. R. PIERSON CO., Tarrytown, New York.

Rooted carnation cuttings from strictly first-class stock.

	100	1000		100	1000
Mrs. Patten.	$6.00	$50	Queen	$2.50	$20
Flamingo ...	6.00	50	Fair Maid...	2.50	20
Crusader	6.00	50	Harry Fenn.	2.50	20
Enchantress..	3.50	30	Manley	3.00	25

Express prepaid where cash accompanies the order. Satisfaction guaranteed.
GEO. E. BUXTON, Nashua, N. H.

Carnation rooted cuttings, now ready.

Eclipse, our 1905 introduction. A pink carnation, lighter in color than Lawson, and of a more even and bright shade of pink. No objectionable shading or bleachings. A strong, free grower, $12.00 100; $100.00 1000.

Lady Bountiful and The Belle, the two best commercial white carnations of the present day. Both have received honors over competitors at the Fall exhibitions. $6.00 100; $50.00 1000; $112.50 per 2500.

Fiancee, a most pleasing shade of medium pink. No carnation has ever equaled the number of awards received by this variety. $12.00 100; $100.00 1000.

Cardinal, brilliant scarlet. A great improvement over Estelle. $12.00 100; $100.00 1000.

F. Burki, pure white. $12.00 100; $100.00 1000.

Richmond Gem, scarlet, $10.00 100; $75.00 1000.

White Lawson, $7.00 100; $60.00 1000.

Flamingo, Nelson Fisher and Mrs. M. A. Patten, $6.00 100; $50.00 1000.

Crusader, Indianapolis, Judge Hinsdale and The President, $5.00 100; $40.00 1000.

Enchantress, $3.00 100; $25.00 1000.

In addition to the above we can supply 25 of the best standard sorts, varieties that are profitable to grow. Our preliminary price list will be sent upon application.

F. Dorner & Sons Co., La Fayette, Ind.

Carnation rooted cuttings.

White	100	1000	Scarlet	100	1000
Q. Louise..	$1.00	$10.00	Crane	$1.00	$10.00
F. Hill....	1.00	10.00	America ..	1.00	10.00
Alba	1.40	12.50	P. Palmer.	1.00	10.00
Norway ..	1.00	10.00	Estelle ...	1.40	12.50
Wolcott ..	1.00	10.00	Manley ...	1.50	15.00
L. Pond...	1.40	12.50	Apollo	1.50	15.00
Chicot	1.20	10.00			
Pink			Yellow		
Lawson ...	1.40	12.50	G. Beauty.	1.40	12.50
Enchantress	3.50	30.00	Eldorado .	1.00	10.00
Joost	1.00	10.00	Variegated		
Success ...	1.00	10.00	Prosperity.	1.40	12.50
Mermaid .	1.00	10.00	M. Field..	1.40	12.50
Cressbrook.	1.00	10.00	Stella	1.40	12.50
McKinley .	1.40	12.50	Armazindy.	1.00	10.00
Mrs. R'sev't	1.40	12.50	V. Allen..	1.20	11.00
			Gaiety ...	1.20	11.00

Crimson—Harlowarden, $1.40 100; $12.50 1000. G. Roosevelt, $1.20 100; $10.00 1000. Special prices on large lots. Unrooted pips at half price. 25 at 100 rate; 250 at 1000 rate. Express prepaid. Cash or C. O. D. with privilege of examining.

Loomis Floral Co., Loomis, Cal.

Are your Flora Hill, Gov. Wolcott and Queen Louise bursting? Better get a stock of our INDIANA MARKET. It does not burst. It always has a beautiful round form and it is the freest blooming white we have today. A fine bloomer both winter and summer. Strong clove scent.

BEATRICH is easily the freest and most profitable light pink carnation on the market. Long, strong stems, no bursted calyx and a fine color. Just what you want in large quantity for moderate priced blooms for your every day trade.

FLAMBEAU, the warm weather scarlet. All three were awarded Certificates of Merit Nov. 15, 1904, by the State Society of Indiana Florists.

Price: $10.00 per 100; $80.00 per 1000. Get our descriptive price-list of the cream of last year's novelties as well as standard sorts.

INDIANAPOLIS, the most profitable deep pink carnation on the market, $5.00 per 100; $45.00 per 1000.

BAUR & SMITH, Indianapolis, Ind.

200,000 rooted carnation cuttings now ready.

White	100	1000	Scarlet	100	1000
Q. Louise..	$1.00	$10.00	Crane	$1.00	$10.00
F. Hill.....	1.00	10.00	America ..	1.00	10.00
Gov. Wol't	1.00	10.00	Estella	1.40	12.50
Alba	2.00	15.00	Crimson		
W. Cloud..	1.00	10.00	Harlow'den	1.40	12.50
Pink			Yellow		
Lawson ...	1.20	12.50	Eldorado ..	1.10	12.50
Marquis ..	1.00	10.00	G. Beauty.	1.40	12.50
Enchantress	3.50	30.00	Variegated		
Joost	1.00	10.00	Prosperity..	1.40	12.50
McKinley ..	1.40	12.50	M. Field...	1.40	12.50
Mermaid ..	1.00	10.00	Armazindy..	1.00	10.00
Cressbrook.	1.00	10.00	V. Allen...	1.20	11.00

Unrooted cuttings at one-half price of rooted cuttings. Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

Loomis Carnation Co., L. B. 115, Loomis, Cal.

ROOTED CARNATION CUTTINGS.

White	100	1000	Variegated	100	1000
May Naylor...	$2.50	20	Prosperity ...	$2.50	20
Queen	2.50	20	Mrs. Patten .	6.00	..
Q. Louise ...	2.00	15	Hinsdale ...	4.00	..
Wolcott	2.00	15	Crimson		
B. Market ..	2.00	15	Harlowarden	2.50	20
Pink			Octoroon	4.00	..
Enchantress .	3.50	30	H. Fenn ..	2.50	20
Lawson	2.00	15	Scarlet		
Fairmaid ...	2.00	15	Flamingo ...	6.00	..
Ethel Ward .	4.00	..	Gov. Bliss ...	2.50	20
N. Fisher ...	6.00	..	Crane	2.00	15

Pot-grown carnations, 2-in. stock. Lawson, Queen Louise, Prosperity, $4.00 100, $30.00 1000; Harlowarden, $5.00 100, $40.00 1000; Enchantress, $6.00 100, $50.00.

S. S. Pennock, Philadelphia, Pa.

Rooted carnation cuttings, clean and healthy.

	100	1000		100	1000
Crisis	$12.00	$100	Dorothy	$1.25	$10
Enchantress	3.00	25	Wm. Scott...	1.25	10
Mrs. Lawson	2.00	15	Q. Louise ..	1.25	10
Adonis	2.50	20	Floriana	1.25	10
H. Fenn ..	2.00	15	Lorna	1.25	10
Roosevelt ..	1.50	12	Eldorado	1.25	10
Mrs. Palmer	1.25	10	Mrs. Joost....	1.25	10
The Queen ..	2.50	20	Flora Hill ..	1.25	10
Mrs. Nelson	1.50	12	Portia	1.25	10
White Cloud.	1.50	12	Mrs. Patten .	6.00	..
J. Hinsdale.	4.00	..	Flamingo ...	6.00	..
L. Bountiful	5.00	..	D. Whitney ..	3.00	..
G. Beauty ..	3.00	..	Buttercup	3.00	..
Prosperity ..	2.00	..	Mrs. Manley..	2.50	..

J. L. Dillon, Bloomsburg, Pa.

Carnation rooted cuttings, ready now. Clean, healthy stock, well rooted.

Red	100	1000	Light pink	100	1000
Crusader ..	$5.00	$45.00	G. Beauty.	$12.00	$100.00
Estelle	1.50	12.50	Enc'tress ..	3.00	25.00
Mrs. Ine ..	1.50	12.50	H'inbotham	1.00	9.00
Flamingo .	5.50	45.00	White		
Pink			B. Market .	2.50	20.00
Lawson ...	1.50	12.50	Peru	1.00	9.00
Nelson	1.50	12.50	W. Cloud..	1.50	12.50
G. Angel ..	1.00	9.00	Q. Louise..	1.00	9.00
Mrs. Joost.	1.25	10.00	F. Hill....	1.00	9.00
G. Lord....	1.25	10.00	Variegated		
N. Fisher .	6.50	55.00	Patten ...	5.50	45.00

Geo. Reinberg, 51 Wabash Ave., Chicago.

VICTORY, to be disseminated in 1906, is a true and brilliant scarlet, has a grand stem, does not burst, is never off crop, and is the best shipper and keeper ever introduced. Price: $12.00 100; $100.00 1000; 250 at 1000 rate.

Strong rooted cuttings of the following:

	100		100
White Lawson....	$6.00	N. Fisher.....	$6.00
Enchantress	3.00	Prosperity	3.00
The Belle	6.00	L. Bountiful.....	6.00
H. Fenn.....	2.50	Goethe	2.50
Lord	2.50	Manley	3.00
Maceo	1.50	Cervera	2.00
Lawson	2.00	Mrs. Patten.....	6.00

5% discount for cash with orders.

Guttman & Weber, 52 W. 29th St., N. Y.

ROOTED CARNATION CUTTINGS.

	100	1000		100	1000
Flamingo .	$6.00	$50.00	Lawson ...	$1.50	$12.50
The Belle.	5.00	45.00	M. Glory..	1.50	12.50
Crusader .	5.00	45.00	Estelle ...	1.50	12.50
Indian'polis	5.00	45.00	H'inbotham	1.00	9.00
Ench'tress	3.00	25.00	Hill	1.00	9.00
B. Market.	2.50	20.00	Q. Louise.	1.00	9.00
Nelson ...	1.50	12.50	Peru	1.00	9.00
Joost	1.50	12.50	G. Angel..	1.00	9.00
Adonis	2.50	20.00			

RICHMOND GEM, $10.00 100; $75.00 1000.

All cuttings sold under condition that if not satisfactory they may be returned.

P. REINBERG, 51 Wabash Ave., Chicago.

Rooted carnation cuttings now ready.

	100	1000		100	1000
Ethel Ward....	$7	$60	The President..	$7	$60
White Lawson.	7	60	Enchantress ...	4	30
Christmas Eve..	4	30	Golden Eagle...	5	40
Harry Fenn....	3	25	Lawson	3	25
Prosperity	2	15	Mackinac	6	50
The Belle.....	6	50	Lady Bountiful.	6	50
Judge Hinsdale.	6	50	Mrs. Patten....	6	50
N. Fisher.....	6	50	Octoroon	6	50
Flamingo	6	50			

50 of a kind at 100 rate; 250 of a kind at 1000 rate.

Cottage Gardens Co., Inc., Queens, N. Y.

Rooted carnation cuttings, ready now.

	100	1000		100	1000
W. Lawson..	$5.00	$40	Enchantress .	$3.00	$25
Mrs. Patten..	5.00	40	L. Bountiful..	5.00	40
Flamingo ...	5.00	40	The Queen...	3.00	25
Albatross	5.00	40	B. Market...	3.00	25
N. Fisher.....	5.00	40	Fair Maid....	3.00	25
Unrooted cuttings.					
W. Lawson..	$3.00	$25	M. A. Patten.	$3.00	$25
Flamingo	3.00	25	N. Fisher ..	6.00	50
L. Bountiful.	3.00	25	Crusader	3.00	25
Enchantress .	2.00	15	The Queen...	2.00	15
B. Market...	2.00	15	Fair Maid...	2.00	15

Imperial Greenhouses, Utica, N. Y.

Rooted carnation cuttings.

	100	1000		100	1000
L. Bountiful.	$6.00	$50	Nelson ...	$3.00	$25.00
The Belle ..	6.00	50	H. Fenn .	2.50	20.00
N. Fisher...	6.00	50	G. Wolcott	2.50	20.00
Flamingo ...	6.00	50	Adonis ...	2.50	20.00
Mrs. Patten.	6.00	50	Lawson ..	2.00	17.50
Enchantress .	3.50	30	Fair Maid.	2.00	17.50
Prosperity ..	3.00	25	W. Cloud.	1.50	12.50
Manley	3.00	25	M. Glory .	1.50	12.50
B. Market ..	3.00	25	Joost	1.25	10.00
Triumph	1.25	10			

500 at 1000 rate.

W. J. & M. S. Vesey, Fort Wayne, Ind.

RED SPORT, the new bread and butter, commercial red carnation, now in its fourth year, has the hardy constitution of Gen. Maceo, with a stronger, heavier growth, longer and stiffer stem and a larger flower. It will keep longer and travel farther than any other red carnation. All our stock is sold up to Jan. 25. Orders filled in strict rotation from that date on. 12 for $1.50, 25 for $2.50, 50 for 4.00, all postpaid; $6.00 per 100, $50.00 per 1000, by express.

We guarantee all cuttings to be well rooted and to arrive in good condition.

A. B. DAVIS & SON, Purcellville, Va.

The new scarlet seedling ROBERT CRAIG, the ideal Christmas carnation. Prices: $2.50 doz., $12.00 100, $100.00 1000. 2500 lots, $95.00 1000; 5000 lots, $90.00 1000; 10,000 lots or more, $80.00 1000. First delivery, Dec. 1, 1905.

The new white seedling LIEUT. PEARY, commences blooming Oct. 15 and flowers continuously through the winter. A first-class commercial variety in every respect. Prices: $12.00 100; $100.00 1000.

Send orders early to

Cottage Gardens Co., Inc., Queens, N. Y.

Rooted carnation cuttings. Clean, well-rooted, and good stock.

	100	1000		100	1000
B. Market ..	$2.00	$18	F. Hill	$1.00	$ 9
Estelle	1.50	12	Mrs. Ine ..	1.50	12
Roosevelt	1.50	12	H. Fenn ...	2.00	15
Lawson	1.25	10	Mrs. Nelson .	1.50	12
Triumph	1.50	12	G. Angel ..	1.00	9
Stella.....	2.00				

Money refunded if not satisfactory.

J. A. Budlong, 37 Randolph St., Chicago.

Rooted carnation cuttings, healthy stock.

	100	1000		100	1000
N. Fisher...	$5.00	$45	Mrs. Nelson.	$5.00	$45
Flamingo ...	5.00	45	L. Bountiful	5.00	45
Mrs. Patten.	5.00	45	B. Market..	2.50	20
Harry Fenn.	2.50	20	Queen	2.50	20
Wolcott	2.50	20	Glacier	1.00	9
Gomez	1.00	9	Floriana	1.00	9
Cervera	1.00	9			

Cash with order, please.

Hugo Book, Worcester, Mass.

ROOTED CARNATION CUTTINGS.

All orders filled in rotation.

	100		100
Mrs. Patten, var.	$6.00	Queen, white.....	$2.50
White Lawson ..	5.00	B. Market, white.	3.00
Albatross, white..	5.00	Queen Louise.....	2.00
Flamingo, scarlet.	6.00	Lawson	2.00
Enchantress	3.00	Manley, scarlet...	2.00
Challenger	2.00		

Write for prices on large lots; 5 per cent discount for cash with order.

James D. Cockcroft, Northport, L. I., N. Y.

Rooted carnation cuttings ready now. Fine healthy stock. Orders booked for future delivery.

	100	1000		100	1000
W. Lawson.	$7.00	$60.00	Enchant'ss	$3.50	$30.00
Bountiful .	6.00	50.00	Flamingo .	6.00	
Mrs. Patten	6.00	50.00	B. Market.	2 50	20.00
N. Fisher..	7.00	60.00	The Queen.	2.50	20.00
Daheim ...	6.00	50.00	Mrs. Lawson	2 50	20.00

List of other varieties on application.

Wood Bros., Fishkill, N. Y.

Strong, well-rooted carnation cuttings.

	1000		1000
Enchantress ...	$30 00	Flamingo	$50.00
Adonis	25.00	Lord	10.00
Angel	10.00	Estelle	15.00
Lawson	10.00	Mrs. Patten.....	40.00
Gov. Wolcott....	10.00	Bradt	10.00
Flora Hill	10.00	Peru	10.00
B. Market.....	20.00	Q. Louise	8.00

Cash or C. O. D.

Sol. Garland, Des Plaines, Ill.

Rooted carnation cuttings.

RED LAWSON, sport from Mrs. Lawson, identical in every way except in color, which is a bright red. $10.00 per 100; $75.00 per 1000.

	100	1000		100	1000
Queen	$2.00	$15.00	Fairmaid .	$1.50	$12.50
Mrs. Lawson	1.50	12.50	B. Market.	1.50	12.50
Wh. Lawson	5.00		O. Louise..	1.25	9.00

250 at 1000 rate.

Quidnick Greenhouses, J. H. Anthony, Prop., Anthony, P. O., R. I.

Carnation cuttings, strong and well-rooted.

White.	100	1000	Pink.	100	1000
Queen	$2 50	$20	N. Fisher....	$6.00	..
Queen Louise	2 00	15	Ethel Ward..	4.00	..
B. Market...	2.00	15	Enchantress..	3.00	25
Variegated.			Lawson	2.00	15
J. Hinsdale..	4.00	..	Fair Maid...	2.00	15
Prosperity ..	2.00	15			
Crimson.					
Harlowarden.	2.50	20			

S. J. Reuter, Westerly, R. I.

Carnation cuttings.

	100	1000		100	1000
Queen Louise	$2 00	$15	Harry Fenn..	$2.50	$20
F. Joost	2.00	15	Harlowarden.	2.50	20
Challenger ..	2.00	15	Prosperity ..	2.50	20
The Queen...	2.50	20	Fair Maid...	2.50	20
B. Market...	2.50	20	Enchantress .	3.50	30
Mrs. Lawson.	2.50	20	Mrs. Patten.	5.00	45

Jas. E. Beach, 2019 Park Ave., Bridgeport, Conn.

Rooted cuttings now ready. Per 100:

Gov. Wolcott.....	$2 00	Crusader	$4.00
White Cloud.....	2.00	Crane	2.00
Norway	2.00	America	2.00
Mrs. Lawson.....	2.00	Estelle	2.00
Morning Glory....	2.00	Gaiety	2.00
Joost	2.00	Prosperity	2.00
Enchantress	3.00	Flamingo	5.00

Bassett & Washburn, 76 Wabash Ave., Chicago.

ROOTED CARNATION CUTTINGS.

	100	1000		100	1000
Lawson ...	$1.50	$12.50	G. Angel...	$1.00	$ 9.00
Enchant ..	3.00	25.00	M. Glory..	1.50	12.50
Higinb'th'm	1.25	10.00	Estelle	1.50	12.50
Chicago ...	2.00	15.00	Adonis	2.50	20.00
Flora Hill..	1.00	9.00	W. Cloud..	1.25	10.00
Her Majesty	1.50	12.50	Harlowar'n.	1.50	12.50

Wietor Bros., 51 Wabash Ave., Chicago.

CARNATIONS—Continued.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$3.50	$30	Fairmaid	$2.50	$20
Queen	3.00	25	Q. Louise	2.00	15
Lawson	2.50	20	Cressbrook	2.00	15
Challenger	2.00	15	Maceo	2.00	15
H. Fenn	3.00	25	Prosperity	2.50	20
G. M. Bradt.	3.00	25	Fiancee	12.00	100

C. Warburton, Fall River, Mass.

Carnation cuttings, well-rooted, from selected stock.

	100	1000		100	1000
Nelson Fisher.	$7.00	$60	Enchantress	$4.00	$30
Mrs. Patten	6.00	50	H. Fenn	3.00	25
Flamingo	6.00	50	Manley	3.00	25
Crusader	6.00	50	Fair Maid	2.50	20
D. Whitney	5.00	40	Queen	3.00	25

Backer & Co., Billerica, Mass.

Rooted carnation cuttings. Our stock is first class, true to name and will be ready for delivery March 1.

	100	1000		100	1000
Lawson	$2.50	$20	H. Fenn	$2.50	$20
Q. Louise	2.00	15	Mrs. Roosev't.	2.50	20
Alpine Glow.	2.00	15	Manley	2.50	20

H. Eitzholtz, Cedarhurst, L. I., N. Y.

Rooted carnation cuttings. Per 100:

Enchantress	$3.00	Floriana	$1.50
Lawson	2.00	Morning Glory	1.50
Queen Louise	2.00	Gov. Roosevelt	1.50
May Naylor	1.50		

Strong, healthy stock. Satisfaction guaranteed. Cash with order, please.
Jewett City Greenhouses, Jewett City, Conn.

Rooted carnation cuttings, fine healthy stock.

	100	1000		100	1000
Enchantress	$3.50	$30	Wolcott	$2.00	$15.00
Queen	2.50	20	Floriana	1.50	12.50
Lawson	2.00	15	Lord	1.25	10.00
Q. Louise	2.00	15	Fiancee	12.00	100.00

Robt. C. Pye, Nyack, N. Y.

Rooted carnation cuttings. Per 100:

Red Lawson	$8.00	Flora Hill	$1.25
Mrs. Lawson	1.25	Queen Louise	1.25
Enchantress	2.50	Marquis	1.25
Nelson	1.50	Joost	1.00

Cash with order or C. O. D.
F. G. Lewis, 519 Locust St., Lockport, N. Y.

Rooted carnation cuttings. Per 1000:

Crusader	$45.00	Lawson	$10.00
Enchantress	30.00	Lord	10.00
B. Market	20.00	Hill	10.00
Estelle	20.00	Scott	10.00
Nelson	20.00		

Des Plaines Floral Co., Des Plaines, Ill.

Our specialty, in carnations, is UNROOTED CUTTINGS. We have the best varieties for business. Fair Maid, Mrs. Thos. W. Lawson, Boston Market, Queen, $10.00 per 1000; 250 or more at 1000 rate. Flamingo and Crusader, $2.00 per 100. Careful packing and prompt shipment. Cash, please.
STEPHEN CHASE, Nashua, N. H.

Rooted carnation cuttings, nice, clean stock. Enchantress, Nelson Fisher, M. A. Patten, Gov. Wolcott, Boston Market, White Cloud and Joost; also unrooted cuttings of last two varieties. Prices on application.
C. G. Velie & Son, Marlborough, N. Y.

Rooted carnation cuttings, clean and healthy.

Mrs. M. A. Patten.	$6	Enchantress	$3
Nelson Fisher	7	Wolcott	2
Boston Market	2	J. H. Manley	2
Maceo	2		

Sidney Littlefield, North Abington, Mass.

FRED BURKI is the ideal commercial white carnation. You will make no mistake by growing it. Price: $12.00 100, $100.00 1000; 250 at 1000 rate. Address S. S. Skidelsky, 824 No. 24th St., Philadelphia, Pa., or
John Murchie, Sharon, Pa.

Rooted carnation cuttings that will give you satisfaction. Per 1000:

Lawson	$12.50	Prosperity	$12.50
Flora Hill	10.00	Queen Louise	10.00
White Cloud	10.00	Joost	10.00
Marquis	10.00		

W. C. Hill Floral Co., Streator, Ill.

Rooted carnation cuttings. Per 100:

Mrs. M. A. Patten.	$5.00	D. Whitney	$4.00
Enchantress	4.00	White Cloud	1.50
Joost	1.50	Morning Glory	1.50
Gov. Wolcott	1.50	Queen Louise	1.50

Special price on large lots.
J. F. Ammann, Edwardsville, Ill.

Rooted carnation cuttings; fine healthy stock now ready. Lawson, $2.50 100; $20.00 1000. Enchantress, $3.00 100. J. H. Manley, $3.00 100. Queen Louise, $2.00 100. Gov. Roosevelt, $3.00 100. Cash with order.
JOSEPH TOWELL, Paterson, N. J.

Rooted carnation cuttings.

	100	1000		100	1000
W. Lawson	$6.00	$50	Flamingo	$6.00	$50
Enchantress	3.00	25	The Queen	2.50	20

The Cardinal, from 2-in. pots, $12.00 per 100.
Larchmont Nurseries, Larchmont, N. Y.

Rooted carnation cuttings.

	100	1000		100	1000
Nelson Fisher	$7	$60	L. Bountiful	$6	$50
Mrs. Patten	6	50	Flamingo	6	50
White Lawson	6	50	Enchantress	4	30

Peter Fisher, Ellis, Mass.

Rooted cuttings, per 100: Flamingo and Indianapolis, $5.00; Crusader, $6.00; Fairmaid, $1.75; B. Market, $2.00; Queen, $2.50; Enchantress, $3.00; Lawson, $1.35. B. Market and Fairmaid, unrooted, $1.00; for other varieties, write Otto Bourdy, Lowell, Mass.

STRONG ROOTED CUTTINGS. Per 1000:

Guardian Angel	$ 9.00	Mrs. Nelson	$12.00
Hill	9.00	Boston Market	15.00
Enchantress	25.00	Morning Glory	12.00

A. L. RANDALL CO., 19-21 Randolph St., Chicago.

75,000 rooted carnation cuttings for January and February delivery: Flora Hill, Mrs. McGowan, Joost, Queen Louise, Elbon, a fine red. All at $10.00 1000. Cash with order, please.
J. H. A. Hutchison, Oxford, Pa.

We have a few hundred cuttings to spare of two of the most profitable varieties of carnations, BOSTON MARKET and HARLOWARDEN, at $2.50 per 100; $20.00 per 1000.
The Wm. Scott Co., Corfu, N. Y.

PALMER'S RED LAWSON, sport from the famous Mrs. Thos. Lawson. Planted May 18, in full crop middle of August. Rooted cuttings, $10.00 100; $40.00 500; $75.00 1000.
W. J. Palmer & Son, Lancaster, N. Y.

Unrooted cuttings of Enchantress, the best light pink and The Queen, the only white, carefully packed, at $1.50 100; $12.50 1000. Rooted cuttings, double.
Henry Eichholz, Waynesboro, Pa.

Rooted carnation cuttings, clean stock.
Boston Market $2.00 100, $18.00 1000
Unrooted cuttings at half price.
Enchantress and Harry Fenn ..... $3.00 per 100
F. H. Pasell & Son, New Bedford, Mass.

Unrooted carnation cuttings from clean, healthy stock. Crane, Q. Louise, Flora Hill, Alba, Peru, and Morning Glory, 75c 100. Harlowarden, and Wolcott, $1.00 100.
Batavia Greenhouses, Batavia, Ill.

Carnation cuttings, well-rooted and from selected stock.

	100	1000		100	1000
Enchantress	$3.50	$30	The Queen	$2.50	$20
Fairmaid	2.00	18	Cash or C. O. D.		

John W. Foote, Malden, Mass.

MY MARYLAND, the largest, most productive, most profitable white carnation yet raised will be disseminated in 1906. Write us about it.
H. Weber & Sons, Oakland, Md.

Rooted carnation cuttings, per 100: Flamingo, $5.00; Enchantress, $3.00; Boston Market, $2.00; Lawson, $1.00. Cash with order, please.
Chas. Wiffin, Des Plaines, Ill.

The JOHN E. HAINES which is positively the best SCARLET carnation out, will be disseminated in 1906. Write me for full particulars.
John E. Haines, Bethlehem, Pa.

Carnation WM. PENN, a new pink well worth a trial by every grower of carnations. Send for descriptive list now.
Albert M. Herr, Lancaster, Pa.

Orders for CRISIS are still being booked. It is THE commercial carnation. Price: $12.00 100; $100.00 1000.
Davis Bros. Co., Bloomsburg, Pa.

Rooted carnation cuttings now ready. Send for price list of all the new and standard varieties.
Wm. Swayne, Box 226, Kennett Square, Pa.

Carnations, Flora Hill and Joost, 2-in. pots, $1.25 100.
H. Rossiter, 200 Lexington Ave., Jersey City, N. J.

Patten & Co.,
Carnation Specialists.
Novelties and Standard Varieties.
Tewksbury, Mass.

Unrooted pips. Flora Hill, Maceo, Freedom, Marquis and Mrs. Jas. Dean, 50c 100; prepaid.
Hopkins & Hopkins, Chepachet, R. I.

Rooted carnation cuttings of Lawson, $2.00 per 100; Lorna, Harlowarden, $1.50 per 100.
Alameda Greenhouse, Roswell, N. Mex.

Strong cuttings in many varieties. I guarantee satisfaction. Don't fail to get my list and prices. A. A. Gannett, Geneva, N. Y.

Rooted cuttings of WHITE LAWSON and MRS. PATTEN carnations, $5.00 100.
H. F. Littlefield, Worcester, Mass.

Our rooted carnation cuttings are now ready. Write me for list and prices.
Geo. A. Kuhl, Pekin, Ill.

Field-grown carnation plants, Joost, Freedom and Good Enough, $4.00 100.
Converse Greenhouses, Webster, Mass.

Joost and Hill, unrooted pips, 45c 100, $4.00 1000. J. D. Eriaman & Son, Swarthmore, Pa.

Rooted carnation cuttings. Write for prices.
The Philippi Nurseries, Rocklin, Cal.

CHRYSANTHEMUMS.

Hardy chrysanthemums, small flowering varieties, 2¼-in. pots, $2.00 100; large flowering, 2¼-in. pots, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Chrysanthemum stock plants.

	Each	12		Each	12
Dr. Enguehard	35c	$3	Rockford	25c	$3
W. Mrs. Tranter	35c	3	Uncle John	35c	3
American Beauty	35c	3	Mrs. Probin	35c	
S. J. Wright	50c	5	Mrs. Newell	35c	

Pacific, Polly Rose, Willow Brook, Ivory, Mrs. J. Jones, 10c ea.; $6.00 100. Orizaba, Halliday, Monrovia, Merry Xmas, Liger, H. Sinclair, 10c ea.; $7.00 100.
H. Weber & Sons, Oakland, Md.

Rooted cuttings now ready of the 5 best commercial varieties—Dr. Enguehard, $8.00 per 100; Wm. Duckham, $5.00; Alice Byron, Mrs. Coombes, and Monrovia, $2.00. Strong, healthy and finely rooted. Write for prices on larger lots and other varieties. Cash with order.
Gunnar Tellmann, Marion, Ind.

Chrysanthemums. Strong stock plants of Dr. Enguehard, $1.00 per doz. Silver Wedding, Col. D. Appleton, Mrs. Jerome Jones, Columbia, Gratea, W. K. Rieman, Helen Bloodgood, Marie Liger, White Bonnaffon, Mrs. S. J. Tranter, 75c per doz.
C. W. Reimers, Hite Ave., Louisville, Ky.

Chrysanthemums; buy now and increase your stock. Wm. Duckham, Dr. Enguehard, pink; Ben Wells, white; Donald McLeod, bronze yellow. Rooted cuttings, $3.00 per 100; 2-in., $5.00 per 100. Cash, please. Send for regular list.
R. Engelman & Son, Pittsfield, Mass.

Chrysanthemum novelties. We are headquarters for the best new varieties. Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Milcham, Lady Cranston, A. J. Miller, Mrs. D. V. West, etc. Complete list now ready. Send for copy. Chas. H. Totty, Madison, N. J.

Among the new varieties which we had on trial for this year are some magnificent sorts, 9 of which have been awarded certificates. Send for our trade list which gives varieties, prices and full description of each.
E. G. HILL CO., Richmond, Ind.

Chrysanthemum rooted cuttings now ready. Wm. Duckham, Ben Wells, F. A. Cobbold, Leila Filkins, $3.00 100. Dr. Enguehard, $4.00 100. Mrs. Thirkell, $2.00 100. Send for list. No order filled for less than $1.00.
W. A. Chalfant, Springfield, Mo.

Having secured the Japanese exhibit of pompon chrysanthemums at the World's Fair, we offer rooted cuttings of the same at $3.00 100. Cash with order.
Bentzen Floral Co., 4025 Marcus Ave., St. Louis, Mo.

Chrysanthemums Wm. Duckham, A. J. Balfour; Alice Byron, white; Yellow Eaton, Appleton, Omega and Marion Newell, large, good, healthy clumps. Write for prices.
The B. K. & B. Floral Co., Richmond, Ind.

We shall be pleased to send you our price list of chrysanthemums, which includes about all the varieties that are worth growing.
The Wm. Scott Co., Corfu, N. Y.

Rooted cuttings of early chrysanthemums, Opah, Mme. Bergman, Willowbrook, and October Sunshine. Write for prices.
Eli Cross, Grand Rapids, Mich.

SMITH'S CHRYSANTHEMUM MANUAL leads to successful culture. Practical and up-to-date. Only 25c, postpaid.
Nathan Smith & Son, Adrian, Mich.

Chrysanthemums. Strong rooted cuttings and plants. Leading standard varieties. Write for list of varieties and prices.
RAUB FLORAL CO ERIE, PA.

About 400 extra fine, strong Wm. Duckham stock plants, $1.00 per doz.
Highland Park Greenhouses, Highland Park, Ill.

CINERARIAS.

Hybrid cinerarias, dwarf; budded, ready for 5-in. pots, $6.00 per 100.
Herman Holtz, Hammond, Ind.

Cinerarias, choice strain, ready for 5-in. pots, 4c to 5c. Levant Cole, Battle Creek, Mich.

COLEUS.

Rooted cuttings of Verschaffeltii, Golden Bedder, Lord Palmerston, Fire Brand, Beckwith's Gem, Queen Victoria and Fancies, 60c 100; $5.00 1000. Golden Bedder (original) and Hero, 75c 100; $6.00 1000. Ten per cent discount on orders of 10,000 or more.
Frank A. Pierson, Cromwell, Conn.

Coleus, clean, strong, well-rooted cuttings. Golden Bedder, Crimson Verschaffeltii, Hero, Firebrand, Rainbow, and others, 60c per 100; $5.00 per 1000. Cash with order, please.
Hugo Book, Worcester, Mass.

Coleus rooted cuttings, 60c per 100, $5.00 per 1000; 2-in., $2.00 100, $15.00 1000. Golden Bedder, Verschaffeltii and other varieties.
E. B. Randolph, Delavan, Ill.

Coleus. Rooted cuttings of Verschaffeltii and Golden Bedder, 50c 100, $4.50 1000; 2½-in., $1.75 100.
J. D. Eriaman & Son, Swarthmore, Pa.

Coleus rooted cuttings, 40 var., 70c 100; $6.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

Coleus rooted cuttings, 30 named varieties, 70c 100; $6.00 1000. Prepaid.
C. Humfeld, Clay Center, Kan.

Coleus, 10 varieties, 2-in. pots, ready March 1, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, Ohio.

Coleus, good varieties, 2¼-in., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Coleus. 12 best varieties, 2-in., full of cuttings, $2.00 100. A. J. Baldwin, Newark, Ohio.

Coleus, 2¼in., $2.00 100. Cash with order.
W. H. Parsil, Summit, N. J.

CUPHEAS.

Cuphea (cigar plant), rooted cuttings, $1.25 100; $10.00 1000. Prepaid.
C. Humfeld, Clay Center, Kan.

Cuphea (cigar plant), 2¼-in., $2.00 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

CYCLAMEN.

Cyclamen, once transplanted, ready March 1st, seed of only selected flowers, choicest stock, none better, $2.00 per 100; $18.00 per 1000.
C. Winterich, Defiance, Ohio.

Cyclamen giganteum. Sept. sown, in 3 separate colors, $3.50 per 100; mixed, $2.50 per 100.
A. E. Wohlert, Bala, Phila., Pa.

Cyclamen giganteum, 3-in., fine plants, $7.00 100. Cash, please. Fred Grohe, Santa Rosa, Cal.

DAHLIAS.

DAHLIAS. Pot roots for immediate shipment. Every section, including the popular CACTUS dahlias, at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 100. These are postpaid terms; note this when comparing prices.

Twelve seedling CACTUS dahlias, all 1903 sorts, and certificated by the Dahlia societies in England, $2.50 postpaid.

1904 seedling CACTUS dahlias. A rare opportunity; only a few to offer at $1.25 each, postpaid, in quantities of not less than 4 sorts, or 1 of each (there are 16 of them) for $16.00, postpaid.

Terms: Cash with order. Catalogue free.

Hobbies Limited, Norfolk Nurseries, Dereham, England.

MRS. WINTERS, still the leading white. My sales of this variety for the past two years were phenomenal; also INGEBORG EGELAND, the new scarlet cactus. Do not fail to list these two novelties. Also fine stock of leading novelties and standard varieties. Catalogue of dahlias, peonies, hollyhocks, gladioli and hardy plants, now ready.
W. W. WILMORE, Dahlia Specialist,
Box 382, DENVER, COLO.

DAHLIAS. Half a million pot roots ready for dispatch. The largest and most up-to-date collection in the world. Special low quotations to the trade upon receipt of requirements. Catalogues free.

The Horticulture Company, Champion Dahlia Specialists, Cheadle-Hulme, Cheshire, England.

Dahlias, field roots. Clifford W. Bruton, yellow; Storm King, pure white; A. D. Livoni, pink; Maid of Kent, red, tipped white, $5.00 per 100; mixed, $4.00 per 100. The Brighton Seed & Floral Co., 215 Occidental Ave., Seattle, Wash.

EAST BRIDGEWATER DAHLIA GARDENS. If you are looking for some first-class, up-to-date dahlias, send for trade list to the winner of the SILVER MEDAL at St. Louis World's Fair for growing exhibit.
J. K. Alexander, East Bridgewater, Mass.

Dahlias. Nymphaea, Livoni, Snowclad, Storm King, Strahlen Krone, and new cactus sorts, mixed, $3.00 per 100, $25.00 per 1000. Strong field roots. Cash.
I. Merwin Rayner, Greenport, N. Y.

Dahlia roots. Good selection of standard varieties, $5.00 100; $40.00 1000. Mixed, $4.00 100; $35.00 1000. Send for list.
R. Vincent, Jr. & Son, White Marsh, Md.

KREIMHILDE and TWENTIETH CENTURY dahlias. See display adv. in this issue for description and prices.
H. A. DREER, Philadelphia, Pa.

DAISIES.

NEW SHASTA DAISIES
ALASKA, CALIFORNIA, WESTRALIA,
$3.00 doz.; $15.00 100. Having obtained my stock from Mr. Burbank, it is warranted to be pure and true to name. Postal for circular. Shasta daisy "Shasta," strong field plants, $3.00 100. Small plants, one-third less. Prepaid. Cash, please. Fred Grohe, Santa Rosa, Cal.

The new Marguerite or Daisy QUEEN ALEXANDRA is a charming new form of Chrysanthemum frutescens, or Paris daisy. For description and prices see display adv. in this issue. H. A. DREER, Philadelphia, Pa.

Daisies, dbl. white, 75c 100, $5.00 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Daisies. English daisies, Snowball and Longfellow, wintered in frames, $1.00 per 100, $7.00 per 1000. Cash.
I. Merwin Rayner, Greenport, N. Y.

Daisies, $1.00 per 100.
S. D. Brant, Clay Center, Kan.

DEUTZIAS.

Deutzia gracilis and Lemoinei, $15.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

DRACÆNAS.

Dracaena indivisa, 3-in. pots, 16 to 20 inches high, $6.00 per 100; 4-in. pots, 18 to 24 inches high, $10.00 per 100. Fine, bushy plants, leaves to the bottom.
Port Allegany Greenhouses, Port Allegany, Pa.

Dracaena indivisa, 6 to 10 inches high, fine stock to grow on, $5.00 per 1000.
Golden State Plant and Floral Co., Santa Monica, Cal.

Dracaena indivisa, 3 doz., 8-in. pots, $9.00 doz. All in good, healthy condition.
John N. Cooke, 5 Lake Ave., Greenwich, Conn.

Dracaena indivisa, strong 2½-in., $2.50 per 100; 4-in., $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Dracaena indivisa, 4-in., $8.00 100. Cash.
Wm. Keir, Pikesville, Md.

Dracaena indivisa, 3-in., 10c.
Rhoten Bros. & Co., Bx. 5, Danville, Ill.

EASTER PLANTS.

Easter plants. There is yet time, if you order at once. Per 100:

Spiraea Japonica	$ 4.00
" compacta multiflora	5.00
" Washington	12.00
" Gladstone	12.00
Deutzia Gracilis	15.00
" Lemoinei	15.00
Lilacs, forcing variety	45.00
Azalea Mollis, extra	35.00
" standards	75.00
Rhododendrons, best hybrids, $1.00 and up, each.	
Crimson Ramblers, extra	15.00
H. P. Roses, best variety	10.00

Prices on all spring bulbs, plants and roots cheerfully given by
F. W. O. Schmitz, Prince Bay, N. Y.

Forcing stock for Easter. Azalea mollis, full of buds, nice even heads, 12 to 15 in. high, $30.00 100; 15 to 18 in. high, $40.00 100.

Deutzia gracilis, grown especially for pot culture;- very bushy; 12 to 15 in. high, for 6-in., $6.00 100; 15 to 18 in., for 7 or 8-in., $8.00 100.

Deutzia Lemoinei — similar to gracilis, but stronger grower—15 to 18 in. high, for 6-in., $8.00 100; 18 to 24 in., for 7 or 8-in., $10.00 100.

Rhododendrons, best named hybrids, bushy and full of buds, 20 in. high, $9.00 doz.; 24-in. high, $12.00 doz.; 30 to 32 in. high, heavy, $24.00 doz.

Spiraea japonica, $3.00 100; nana compacta, $4.00 100.
STORRS & HARRISON CO., Painesville, O.

Peonies, rare Japanese herbaceous, $4.50 doz.; $35.00 100. Tree sorts for Easter forcing, 50c each; $5.00 doz.; $40.00 100. Japanese hydrangeas, bright blue, rose, 40c each, $4.50 doz. Hydrangea rosea, beautiful novelty, $1.00 each; $10.00 doz. Fancy caladiums, brilliant coloring, all named sorts, $1.25 doz., $8.00 100.
H. H. Berger & Co., 47 Barclay St., N. Y.

Best German forcing valley pips and forcing lilacs; spiraea clumps in sorts; selected longiflorum bulbs; Crimson Ramblers, azaleas, and other Easter forcing plants and bulbs imported to order for fall delivery.
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We have a fine line of Easter plants, timed just right to be in full bloom. See display adv. in this issue.
G. Aschmann, 1012 Ontario St., Phila.

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Echeveria secunda glauca, 1st size, $5.00 100; 2d size, $3.00 100.
Jacob Russler, Avon Ave., Morgan Park, Ill.

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Euphorbia, Crown of Thorns, 2½-in., $7.00 100. Iowa Seed Co., Des Moines, Iowa.

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Cyrtomium falcatum, the holly fern, fine, bushy plants in 2¾-inch pots, 3½ cts. Boston ferns, strong 5-inch plants, 20 and 25 cts. Nephrolepis Anna Foster, large plants, 4-inch, 12 cts. Cash please.
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Nephrolepis exaltata Bostoniensis. We have reduced price to $10.00 per 1000, for cash; fine young stock. Soar Bros., Little River, Fla.

We are headquarters for Boston and Piersoni ferns. The stock is fine and thrifty. Write
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Cibotium Schiedei, the most magnificent tree fern in cultivation, extra large specimens, 12-in. pots, $15.00 each, $25.00 pair; 10-in. pots, $5.00 each, $9.50 pair; 8-in. pots, $2.75 each, $32.00 doz; 7-in. pots, $1.75 each, $20.00 doz. Assorted ferns, 4-in., suitable for large jardinieres and basket work, in 10 good varieties, $15.00 100; fine bushy stock from 2¼-in. pots, in all the best varieties, $3.00 100, $25.00 1000, 500 at 1000 rate.
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Boston ferns, fine stock. 2½-in., $3.50 100; 3-in., $1.00 doz., $7.00 100; 4-in., $1.75 doz., $12.00 100; 5-in., $2.40 doz.; 6-in., $4.80 doz.; 7-in., $7.00 doz. 5% discount for cash with order. D. U. Augspurger & Sons, Peoria, Ill.

BOSTON FERNS, pot-grown. Per 100: 2½-in., $3.00; 3-in., $6.00; 4-in., $12.00; 5-in., $20.00. Good, strong, healthy plants.
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Boston and Pierson ferns. To make room quick—2½-in., 3c; 3-in., 5c; 4-in., 8c; 5-in., 20c; 6-in., 25c. A few 7-in., 50c.
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Boston ferns, 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100.
Davis Bros., Geneva, Ill.

Boston ferns, from bench, ready for 4-in., $8.00 100; ready for 5 and 6-in., $15.00 100; 2½-in., $3.00 100. Cash.
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Boston ferns, extra fine stock cut from bench for 5, 6, 7, 8-inch pots, at $25.00, $50.00, $75.00, $100.00 per 100.
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Fern spores, our own sowing from 30 kinds of ferns, mixed, 50c per trade pkt.
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Boston ferns taken from bench, $10.00, $15.00, $20.00, $25.00 and $50.00 per 100. Extra fine stock. Wm. A. Bock, No. Cambridge, Mass.

Boston ferns, 2½-in., $5.00 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c; 6-in., 40c; 7-in., 90c.
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Boston ferns from benches, good for 5-in., 6-in., or 7-in. pots, 25c, 35c and 50c.
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Boston ferns, fine plants, 4-in., $12.00 per 100; 5-in., $24.00 per 100.
Converse Greenhouses, Webster, Mass.

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Boston ferns, 3-in., to close out. $3.00 100. Cash with order. W. H. Parsil, Summit, N. J.

Special discount on Boston and Pierson ferns.
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Feverfew, dbl. white, $1.00 100, $8.00 1000.
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Fuchsias Black Prince and Minnesota, 2¼-in., 50c doz., $2.00 100.
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Fuchsia Little Beauty, 2-in., $3.00 100. Cash.
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Cape Jessamines, Gardenia Florida, strong and stocky, 3 to 6-in., $2.00 100; $18.00 1000; 6 to 8-in., $3.00 100; $25.00 1000. Field-grown plants, 12 to 18-in., $10.00 100.
John Monkhouse, Jewells, La.

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Doubles—Bruanti, Centaure, Comtesse de Harcourt, Double Gen. Grant, Gloire de France, Jean Viaud, La Favorite, Le Cid, Mme. Canovas, Mme. Charotte, Mme. Jaulin, Mme. Landry, Miss Kendell, Miss Frances Perkins.

Singles—Granville, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Single Gen. Grant.

Good, strong, healthy plants from 2¼-in. pots, 40c per doz., $2.00 per 100, $17.50 per 1000, provided that not less than 200 of any one variety are ordered.
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Geranium rooted cuttings, $1.50 per 100; also stock plants. Rooted cuttings of other bedding plants. Levant Cole, Battle Creek, Mich.

GERANIUMS—Continued.

Geranium rooted cuttings, all good bedders. Chautemarle, new single salmon; L. Francais, new double salmon, $1.50 per 100; $12.00 per 1000. Heteranthe, Canovas, Bellerophon, Mme. Landry, Noizet, J. Madeline, La Fraicheur, Lemaitre, Champ de Niege (double white), Viaud, $1.25 per 100; $10.00 per 1000. Cash.
Wm. Bierstadt & Son, Springfield, Ill.

Well rooted geranium cuttings ready for shipment. S. A. Nutt, Grant, Bruanti, Buchner, Favorite, Montmort, Perkins, $10.00 per 1000. Viaud, Soleil, Gervais, $12.00 per 1000. Cash with order. Peter Brown, Lancaster, Pa.

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Geranium stock plants. 100 S. A. Nutt, 100 Jean Viaud and choice mixed, 4-in., 5c. From 2½-in., S. A. Nutt, Jean Viaud and scarlet, 2c; rooted cuttings of same kinds, 1¼c.
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Geraniums, 2½-in. pots. S. A. Nutt, La Favorite, single and double Grant, Thibaut, $2.50 per 100, $20.00 per 1000; Mme. Sallerol, $1.75 per 100, $15.00 per 1000.
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Geranium PETER HENDERSON, a very much improved double Grant, should be in every grower's collection.
Strong rooted cuttings delivered free at 50c per doz. Albert M. Herr, Lancaster, Pa.

Our selection of finest geraniums, 2-in., all labeled, buyer to name colors wanted, $20.00 1000. Our assortment is the finest in the country. E. G. Hill Co., Richmond, Ind.

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Geraniums. Wm. Langguth, 2¼-in., $5.00 100; Lady Plymouth, sweet scented, variegated, 2¼-in., $6.00 100.
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Rooted geranium cuttings, Mrs. E. G. Hill, Ricard, Single Salmon, Double White and Rose, $1.25 100. E. B. Randolph, Delavan, Ill.

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Geraniums, 2¼-in. fine stock, $2.25 100. Cash with order. W. H. Parsil, Summit, N. J.

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Gladiolus The Bride, only a few thousand left, 60c 100; $5.00 1000. May, white and rose, a fine forcer, $1.75 100; $15.00 1000. Augusta, large white, $4.00 100; $35.00 1000.
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Gladioli. Highest quality grown in the world. Groff's hybrids and other sorts the best obtainable. See display adv. in this issue.
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Shakespeare, sizes 1 and 2; E. Scribe, 1 and 2; No. 1900, 2, 3 and 4; Augusta, 2, 3 and 4; also small grades at $3.50 to $5.00 per 1000.
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150,000 gladiolus bulbs, good stock, ¾ to 1½-in.; also choice gladiolus seed. Write for low prices. S. Huth, Cuyahoga Falls, Ohio.

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Our gladiolus bulbs are good. Try them.
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Finest stock of hardy forest rhododendrons in the U. S., especially suited for planting on fancy lawns and on large estates. Large orders solicited. Also 200,000 extra fine apple, plum, pear, peach, cherry and quince trees at reasonable prices. We also have a full line of small fruits.
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Surplus tree seeds—500 lbs. Catalpa speciosa and 500 lbs. black locust; also good lot of other tree and shrub seeds, and a large lot of seedlings both nursery-grown and collected. Send for trade list.
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Extra fine blue spruce (Koster), from 2 to 5 ft. high, taxus in all sizes, conifers, hardy shrubs, etc. All strictly first-class. Catalogue free. Van der Weijden & Co., Boskoop, Holland.

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Fruit trees, small fruits, ornamental trees, evergreens and shrubs, shade trees, hardy plants, climbers, etc. We have the most complete collections in the country. Illustrated descriptive catalogue free.
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Hibiscus Peachblow, 2¼-in., $3.00 100.
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Hollyhocks. Large field-grown plants, $3.00 per 100. Double varieties in red, white, pink, yellow and maroon; also the Allegheny strain in mixture at same price. Catalogue of peonies, hardy plants, gladioli and dahlias now ready.
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Hydrangea Otaksa, pot-grown, 6 to 12 flowering crown, suitable for 7 and 8-in. pots, $4.00 per doz.; 10 to 12 flowering crowns, suitable for tubs, $6.00 per doz. Field-grown, potted, 5 to 7 crowns, suitable for 6-in. pots, $20.00 per 100; 3 to 4 crowns, $15.00 per 100.
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Lilacs, forcing variety, $45.00 100.
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Empress brand of lily of the valley, $14.00 1000; $30.00 for case 2500.
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Best German valley pips for forcing.
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Mignonette Defiance, fine for borders, 75c 100; $5.00 1000; postpaid.
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Moon vines, 2½-in., $3.00 per 100.
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DEPENDABLE MUSHROOM SPAWN
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Latania borbonica, 5-in., 25c; 6-in., 45c; 7-in., 75c. Kentia Belmoreana, 4-in., 25c; made-up, 7-in., $1.50 each.
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Kentia Belmoreana, from 50c to $5.00 each.
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Kentia palms. Large assortment.
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Palms and decorative plants.
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For the Southern States; partly in bud and bloom, strong transplanted, in my Florists' International No. 1 mixture; cannot be beaten for outdoor or forcing purposes; packed safely for long distances. Exp., $1.50 per 100; mailed, $2.00 per 100. Cash.
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Large transplanted plants of Bugnot, Cassier, Odier and Trimardeau strains, from cold frame, 50c 100, $3.00 1000.
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Pansies. Mme. Perrett and from our own famous strain, $2.50 per 1000, $10.00 per 5000.
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Pansy plants, large flowering, 60c 100, $2.50 1000. Cash.
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100,000 pansy plants at $10.00 per 1000.
Loomis Carnation Co., L. B. 115, Loomis, Cal.

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Pelargonium rooted cuttings, 15 var., $2.25 100. Express paid. Cash.
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Pelargoniums, mixed, 2-in. pots, $2.50 100. Cash. Jos. H. Cunningham, Delaware, Ohio.

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Petunias, rooted cuttings; single, from California Giants, one of the finest collections in California, flowers from 4 to 6 inches across; double, from Dreer's and Henderson's sets, $1.25 100. Cash, please.
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Petunias, strong thrifty plants, 2¼-in. pots, in four of the best, distinct varieties—white, variegated, light and dark blue, $2.50 100.
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Petunias, double, mixed, 2¼-in. pots, $2.50 100; 5 named varieties, 2¼-in. pots, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Double petunias—Dreer's fancy strain—13 varieties, assorted; rooted cuttings, $1.25 100.
J. D. Erisman & Son, Swarthmore, Pa.

Petunia rooted cuttings, 20 var., $1.25 100, $10.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Petunias, dbl. fringed, 6 distinct novelties, $1.25 100; $10.00 1000.
The W. T. Buckley Co., Springfield, Ill.

Double petunias, rooted, 8 varieties, $1.00 per 100. Prepaid.
Hopkins & Hopkins, Chepachet, R. I.

Petunias, dbl. R. C., 10 best, $1.00 per 100, prepaid. Cash. Byer Bros., Chambersburg, Pa.

Double petunias, 2¼-in., $2.50 per 100.
Rhoten Bros. & Co., Bx. 5, Danville, Ill.

PHLOX.

F. G. von Lassburg is the finest white phlox to date. See description and prices in display adv. in this issue.
H. A. DREER, Philadelphia, Pa.

POINSETTIAS.

Poinsettias, strong stock plants, 1 and 2 years old, $6.00 per 100, $50.00 per 1000; also 2¼-in. pot plants, double and branching, prices given on application.
C. W. Reimers, Hite Ave., Louisville, Ky.

Poinsettias. We have 2000 strong, healthy, dormant stock plants, one year old, at $6.00 per 100; $50.00 per 1000.
Chas. Frueh & Sons, 1116 Hoyt Ave., Saginaw, Mich.

POT-GROWN SHRUBS.

Pot-grown shrubs for forcing. We have a full line of handsome, bushy, well-budded, and well-grown plants that will prove a profitable investment for anyone. See our display adv. in issue of Jan. 5 for list of plants and prices.
Bobbink & Atkins, Rutherford, N. J.

PRIMULAS.

Primula obconica, a fine lot from late sowings, now setting buds, 2¼-in., $2.50 100.
Nathan Smith & Son, Adrian, Mich.

PRIVET.

CALIFORNIA PRIVET CHEAP. 100,000 well-grown plants, 3 to 4 ft., selected, $4.00 100, $25.00 1000; 2½ to 3½ ft., 7 or more branches, $2.50 100, $17.50 1000; 20 to 30 inches, 5 or more branches, $2.00 100, $13.00 1000; 18 to 24 inches, light, 2 years, 3 or more branches, $1.50 100, $7.00 1000. All of the above boxed, f. o. b. here. For car or large lots, write before placing your orders.
CHAS. BLACK, Hightstown, N. J.

California privet, 1, 2 and 3 yrs.; also cuttings; any reasonable offer will be accepted on lots of 5,000 to carloads.
J. H. O'Hagan, Little Silver, N. J.

Amoor River privet, 3 to 5 feet, $18.00 1000. Cash with order, please.
Geo. Just, Jacksonville, Fla.

California privet well-branched, 15 to 20-in., $1.00 100. John Monkhouse, Jewella, La.

California privet and other hedge plants our specialties. Wm. H. Moon Co., Morrisville, Pa.

RHODODENDRONS.

Hardy native Pennsylvania rhododendrons, large clumps 2 to 6 ft. high; finest stock in the U. S.
Riverside Nursery Co., Confluence, Pa.

Rhododendrons, best hybrids, $1.00 and up, each. F. W. O. Schmitz, Prince Bay, N. Y.

ROOTED CUTTINGS.

Rooted cuttings, prepaid. Per 100: Ageratum Gurney, 50c; alternantheras, best red, and yellow, 45c; fall rooted, extra strong, 50c; $4.50 per 1000; fuchsias, 5 fine sorts, $1.25; giant Marguerite daisy, white, $1.00; rose geranium, strong, $1.00. Cash.
Byer Floral Co., Shippensburg, Pa.

Alternantheras, red and yellow, $5.00 1000; brilliantissima, $4.00 100. Ageratum Stella Gurney, 60c 100. Heliotropes, 60c 100. Coleus, 5 best varieties, 60c 100, $5.00 1000. Santolina, 60c 100, $5.00 1000.
Jacob Russler, Avon Ave., Morgan Park, Ill.

Geraniums, double petunias, fuchsias and carnations, best varieties, $1.00 per 100. Cigar plants, heliotropes, ageratums, salvias and alternantheras, 60c per 100, $5.00 per 1000.
J. C. Schmidt Co., Bristol, Pa.

Rooted cuttings, as follows: Salvias, vinca, sweet alyssum and heliotropes, $1.00 100. Fuchsias, double petunias and feverfew, $1.25 100. Coleus and ageratum, 60c 100. Cash.
Ernest Harris, Delanson, N. Y.

Vinca var., feverfew, giant alyssum, $1.00 per 100; Mme. Salleroi geraniums, $1.25; hardy pinks, rooted, $1.00; unrooted, 60c. Prepaid. S. W. Pike, St. Charles, Ill.

Coleus, 60c 100; heliotrope, all dark, $1.00 100; vincas, $1.25 100; English ivy, $1.25 100; fuchsias, $1.50 100. Cash.
J. E. Felthousen, Schenectady, N. Y.

ROSES.

Rooted rose cuttings.

	100	1000		100	1000
Chatenay	$2.50	$20 00	Bride	$1.50	$12.50
Uncle John	2.50	20.00	Ivory	1.50	12.50
Bridesmaid	1.50	12.50	Perle	1.50	12.50

Roses from 2½-inch pots.

	100	1000		100	1000
Richm'd	$30.00	$250.00	La Detroit.	$6.00	$50.00
Chatenay	4.00	30.00	Sunrise	4.00	30.00
Godesberg	5.00	40 00	English	25.00	200.00
Liberty	5.00	45.00	Uncle John	4.00	35.00
Kaiserin	4.00	30.00	Bride	3.00	25.00
Bridesmaid	3.00	25.00	Ivory	3.00	25.00
Perle	3.00	25 00			

All plants sold under express condition that if not satisfactory they may be returned.
P. Reinberg, 51 Wabash Ave., Chicago.

ROSES, 2¼-in. pots, $2.50 per 100.

Universal Favorite	Mme. de Watteville
Evergreen Gem	Francisca Krueger
Dorothy Perkins	Mary Washington
Manda's Triumph	Champion of the World
So. Orange Perfection	Emile Gonin
White Memorial	Frances E. Willard
Yellow Rambler	Bridesmaids
Gardenia	Bride
Helen Gould	Halloween

Strong semi-dormant plants, splendid for spring sales or for planting.
IOWA SEED CO., Des Moines, Iowa.

The new rose WELLESLEY is a welcome addition to the list of forcing roses. Color is bright pink, with reverse of petals clear silvery pink, thus producing a combination that is exceedingly effective either in daylight or in artificial light. Growth is very free and exceptionally vigorous and will prove satisfactory every month in the year. Delivery strictly in rotation, beginning April 1. Prices:

Own root.	Grafted.
$ 25 per 100	$ 30 per 100
55 per 250	70 per 250
100 per 500	130 per 500
200 per 1000	260 per 1000

Waban Rose Conservatories, Natick, Mass.
John N. May, Summit, N. J.

GRAFTED ROSES, 60,000 plants. We are now grafting on the best English Manetti the above amount of all selected flowering wood, ready for delivery April 1st, in 2½-in. pots, well established and hardened off. Brides and Bridesmaids, $10.00 per 100. La Detroit, Gen. McArthur and Liberty, $12.00 per 100.
Rooted cuttings now ready. Bride, Bridesmaid and Chatenay per 100, $1.50; Perle and Liberty, $2.50 per 100.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Dormant rose plants, 2½-in. pots. Clothilde Soupert, Maman Cochet, White Maman Cochet, La France, Etoile de Lyon, Marechal Niel, Meteor, Helen Gould, Souv. de Mme. Pierre Notting, Ivory, Papa Gontier, Bride, Maid, Ball of Snow, $2.50 per 100; $20.00 per 1000. Cash, please.
John A. Doyle, Rose Grower, Springfield, O.

Climbing Caroline Testout, strong, field-grown, 3 to 4 ft., 30c each; $3.00 per doz., $25.00 100. Climbing Cecil Brunner, strong, field-grown, 3 to 4 ft., 15c each; $1.50 doz.; $12.00 100.
F. Ludemann, 3041 Baker St., San Francisco, Cal.

Bride, Maid and Perle roses, 3-in., dormant, ideal stock for summer and early autumn, $4.00 100; $38.00 1000. Bedding roses—Bon Silene, Etoile de Lyon, Ivory, Mrs. Ben Cant, Pink and White Cochet, 3-in., $4.00 100; $38.00 1000. E. G. Hill Co., Richmond, Ind.

Grafted roses for forcing. Orders booked for delivery in April, May and June. Liberty, rose pots, $12.00 100; 3½-in. pots, $18.00 100; Bride, Maid, Golden Gate, Kaiserin, rose pots, $10.00 100; 3½-in. pots, $15.00 100. Send for price list. J. L. Dillon, Bloomsburg, Pa.

Roses, grafted for March delivery and later. Bride, Bridesmaid, Golden Gate, Wootton, Carnot, La France, $12.00 per 100; Killarney and Franz Deegen, $15.00 per 100. Send for catalogue of other varieties.
WOOD BROS., Fishkill, N. Y.

Now is the time to buy KAISERIN and CARNOT roses for early summer flowering, 2¼-in. pots, $4.00 per 100, $35.00 per 1000.
BRIDE and BRIDESMAID, 2¼-in. pots, $4.00 per 100, $35.00 per 1000.
W. H. ELLIOTT, BRIGHTON, MASS.

Rooted rose cuttings.

	100	1000		100	1000
Beauty	$3.00	$25.00	Bride	$1.50	$12.50
Liberty	3.00	25.00	Ivory	1.50	12.50
Bridesmaid.	1.50	12.50	G. Gate	1.50	12.50

Geo. Reinberg, 51 Wabash Ave., Chicago.

Grafted roses on strong English Manetti stock. Bridesmaid, Golden Gate, Bride, Ivory, Mme. Chatenay, $120.00 1000. Uncle John, La Detroit, Gen. MacArthur, $18.00 100.
S. S. Pennock, Philadelphia, Pa.

Hardy roses. We have the most complete collections in this country. Illustrated descriptive list free.
Ellwanger & Barry, Drawer 1044 W, Rochester, N. Y.

Grafted roses. We are booking advance orders for Bride and Bridesmaid stock from 2½-in. pots $100.00 1000.
Edw. J. Taylor, Southport, Conn.

Hardy perpetual standard and dwarf roses, Crimson Ramblers, etc. First-class stock. Catalogue free.
Van der Weijden & Co., Boskoop, Holland.

Rooted rose cuttings. Bride, Chatenay, Gate, Perle and Ivory, $2.00 100. Uncle John, $5.00 100. J. F. Ammann, Edwardsville, Ill.

Crimson Rambler roses, extra, $15.00 100; H. P. roses, best varieties, $10.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Roses. Rooted cuttings of Bride, Maid and Gates, $1.25 per 100; $10.00 per 1000.
Rhoten Bros & Co., Bx. 5, Danville, Ill.

Roses, Ivory and Golden Gate, 2¼-in. pots, $1.50 100.
H. Rossiter, Lexington Ave., Jersey City, N. J.

Rose plants. Get our list before buying.
C. M. Ninffer, Springfield, Ohio.

Bridesmaid roses, 3-in., $3.00 100.
Paul O. Taner, Lebanon, Ind.

ROSE STOCKS.

Selected English Manetti stocks, 5 to 8 mm., $12.00 per 1000. S. J. Reuter, Westerly, R. I.

ROSE STOCKS—Continued.

Manetti stocks, just received in fine condition. No. 1, 5 to 10 mm., $10.00 per 1000, $95.00 per 10,000; No. 2, 3 to 5 mm., $7.50 per 1000.
JACKSON & PERKINS CO., Newark, New York.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Rubber plants, 5-in., 50c each. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

SALVIAS.

Salvias, in variety, 2¼-in., $2.00 100; $17.50 1000. Holt's mammoth sage, $2.00 100; $15.00 1000. R. Vincent, Jr. & Son, White Marsh, Md.

Salvias, the two best. Drooping Beauty, dwarf; and Bonfire, tall; $1.00 100; $8.00 1000.
The W. T. Buckley Co., Springfield, Ill.

Salvias St. Louis and Bonfire, rooted cuttings, $1.00 100, $8.00 1000; 2-in., $2.00 100.
E. B. Randolph, Delavan, Ill.

Salvias Jean Revenal and splendens, rooted cuttings, 75c 100; $6.00 1000.
Frank A. Pierson, Cromwell, Conn.

Salvias Bonfire and St. Louis rooted cuttings, $1.00 100; $8.00 1000. Prepaid.
C. Humfeld, Clay Center, Kan.

Salvia rooted cuttings, 6 var., $1.00 100; $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Salvia rooted cuttings, $1.50 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Salvia rooted cuttings, from sand, $10.00 1000. Cash. J. Ambacher, West End, N. J.

Salvia Fire Ball, 2½-in., $2.00 100.
Geo. L. Miller Co., Newark, O.

Salvia splendens, $1.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

SEEDS.

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.
Cineraria. Finest large flowering dwarf, 1000 seeds, 50c.
Phlox pumila compacta. Very dwarf and compact; grand for pots; in finest colors, mixed. Trade pkt., 25c.
Alyssum compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots. Trade pkt., 25c.
Chinese primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.
Pansy. Finest giants, the best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c.
Petunia. New star, from the finest marked flowers, extra choice. Trade pkt., 25c.
Cash. Liberal count of seeds in all packets.
John F. Rupp, Shiremanstown, Pa.

Asters. Queen of Market, white, rose, purple, 50c oz.; mixed, 35c oz. Peony-flowered, white, pink, 50c oz.; mixed, 35c oz. Giant Ostrich Plume, white, pink, purple, lavender, 75c oz.; mixed, 60c oz. Ostrich Plume "The Bride," white, changing to blush pink, very fine, $1.00 oz. Semple's Branching, white, purple, rose, daybreak, 60c oz.; mixed, 50c oz.
These seeds are of my own raising and are absolutely free from disease, are fresh and very fine.
W. H. Newman, Akron, Erie Co., N. Y.

	100	1000
New crop flower seeds.		
Asparagus plumosus nanus	$0.60	$5.00
Cyclamen giganteum	.60	5.00
	Oz.	Trade Pkt.
Salvia Bonfire	$2.25	$0.25
Salvia splendens	.90	.20
Stocks, dwarf 10 weeks	2.75	.25
Verbena, mammoth	1.00	.20
Begonia, Vulcan and Bonfire	....	.25
Petunia fim. grandiflora	....	.50
Petunia fim. grandiflora, double.	....	1.00

W. C. Beckert, Allegheny, Pa.

Choice hollyhock seeds. We offer superb, single, separate colors, 8 kinds, 90c per oz.; superb, single colors, 8 kinds mixed, 80c per oz.; double hollyhocks in 6 separate colors, 90c per oz.; double hollyhocks, 6 varieties mixed, 80c per oz. Hollyhocks, strong, field plants, double colors, $5.00 per 100; strong, field plants, single colors, $5.00 per 100. Cash with order, please.
John Charlton & Sons, Rochester, N. Y.

COLORADO EVERGREEN SEED. Abies concolor, A. Douglasii, A. grandis, Picea Engelmanni, P. pungens, Pinus artistata, P. ponderosa, P. flexilis. 25c trade pkt.; the 8 packets postpaid, $1.50. Our seed is gathered at an altitude from 7,000 to 10,000 ft. and produces trees of extreme hardiness. Our P. pungens seed is gathered from the bluest trees in Colorado.
D. S. Grimes & Son, 3032 West 32nd Ave., Denver, Colo.

Asparagus plumosus nanus seed, 75c 100, $5.00 1000. Cash.
Jos. H. Cunningham, Delaware, Ohio.

NEW CROP
CLEMATIS PANICULATA SEED.
Grown at our FLORACROFT TRIAL GROUNDS, trade packet, 10c; per ounce, 40c; per lb., $3.50. Write for special quotations on quantity.
JOHNSON & STOKES, 217-219 Market St., Philadelphia, Pa.

Carlson improved aster seed, pure strain; recognized as the leading aster for cut stock; no disease; no yellows. Early White, Late White, Shell Pink, Lavender, trade pkt., 25c; ¼ oz., 50c; oz., $1.50. Order early to insure getting all colors.
E. H. Hunt, 76-78 Wabash Ave., Chicago.

HIGH-GRADE SEED. We offer a special price on Asparagus plumosus nanus seed, fresh from the greenhouses. We guarantee it to be absolutely fresh. 100 seeds, 75c; 1000 seeds, $5.00. Special price on large quantities.
H. F. Michell Co., 1018 Market St., Phila.

Seed of BENTHEY'S two grand NEW ASTERS is now ready. Price: Trade pkt., $1.00; ¼ oz., $2.50; ½ oz., $4.50; 1 oz., $8.00. Write us for full information.
BENTHEY-COATSWORTH CO., 35 Randolph St., Chicago.

Seeds of the best single dahlias, choice single petunias, and true early cosmos. These seeds were grown and collected for florists' use. Trade pkt., 25c; 5 for $1.00.
B. Sill & Sons, Long Island City, N. Y.

Aster seed. We have a surplus of the following home-grown aster seed, perfectly clean and plump: Vick's Daybreak, $1.00 oz.; Vick's Branching, Rose, 60c oz.
Nathan Smith & Son, Adrian, Mich.

We are the largest wholesale and retail seed corn growers in the world; also carry a full line of flower and garden seeds. Write for our catalogue.
Western Seed Co., Shenandoah, Iowa.

Asparagus plumosus nanus seed, our own growing, just ripening on selected plants. 100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $4.00.
B. H. Haverland, Pleasant Run, Ohio.

If you want fine Mexican seeds, see adv. under heading Mexican Plants and Seeds. Mexican beans, "Frijoles." Cobaeas, etc.
J. Balme & Co., Mexico City, Mexico.

Seed growers. Sweet, field and pop corn, cucumber, melon and squash seed. Write us before placing your contracts.
A. A. Berry Seed Co., Clarinda, Iowa.

Asparagus plumosus nanus seed, new crop, $3.00 per 1000. Smilax seed, $1.00 per lb. Cash with order.
Cottage Nursery, San Diego, Cal.

Ours are seeds of QUALITY and are ALWAYS reliable. Wholesale catalogue for the asking.
Arthur T. Boddington, 342 W. 14th St., N. Y.

ASPARAGUS PLUMOSUS NANUS SEED,
Greenhouse-Grown,
$4.50 per 1000.
S. S. PENNOCK, Philadelphia, Pa.

Asparagus plumosus nanus seed, $2.00 per 1000. Fresh seed.
Rees & Compere, R. F. D. 1, Long Beach, Cal.

Begonia seed, choice, mixed, our own sowing, trade pkt., 50c.
Golden State Plant & Floral Co., Santa Monica, Cal.

Leonard Seed Co.
Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-81 E. Kinzie St., Chicago.

VELVET BEANS. We are headquarters. Write us now stating number of bushels wanted.
Crenshaw Bros., Tampa, Fla.

Hollyhock seed, single, mixed, 65c per oz. 1904 Allegheny strain, mixed, 85c per oz.
Jos. S. Chase, Malden, Mass.

Salvia splendens grandiflora seed, a strain of superior quality, 25c ⅛ oz., $1.50 oz.
W. W. Rawson & Co., Boston, Mass.

NICOTIANA SANDERAE seed, in original packets, $1.75 per doz., $11.00 per 100.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Asparagus plumosus nanus seed, home-grown, plump, 50c 100, prepaid.
A. J. Baldwin, Newark, Ohio.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Asparagus seeds, 50c 100, $4.00 1000; 5000 for $18.75. Wm. F. Kasting, Buffalo, N. Y.

Asparagus plumosus nanus seed, new crop, 50c 100, $4.00 1000. Edw. Teas, Joplin, Mo.

There is no better or cheaper way of reaching the buyers than through the medium of THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

SHAMROCKS.

Irish shamrocks, strong plants, $4.00 100; 60c doz., by mail. John F. Rupp, Shiremanstown, Pa.

Shamrock. Something new. From cemetery of Downpatrick in Ireland. Plants from 2½-in. pots, 60c doz., by mail; $4.00 per 100; $35.00 per 1000. 250 at 1000 rate. Cash with order. Order early, as stock is limited.
J. D. Harcourt's Son, Wappingers Falls, N. Y.

SMILAX.

Smilax, good heavy strings, 6 to 8 ft. long, 10c per string; $9.00 per 100. Cash.
Arthur L. Raub & Co., So. 4th St., Easton, Pa.

Smilax, 10,000 strong, bushy stock, 2½-in., $1.00 per 100; $9.00 per 1000.
J. C. Schmidt Co., Bristol, Pa.

Smilax, good, heavy strings, 5 to 6 ft. long, $12.50 per 100.
Rode Bros., Florists, Bowling Green, O.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

SPIRAEAS.

Spiraea japonica, $4.00 100; compacta multiflora, $5.00 100; Washington and Gladstone, $12.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Spiraea clumps.
A. Rolker & Sons, 31 Barclay St., N. Y.

There is no better or cheaper way of reaching the buyers than through the medium of THE REVIEW'S classified advs.

STEVIAS.

Stevia, variegated, 2¼-in. pots, $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

STOCKS.

Stocks, nice strong plants from 2½-in. pots. Princess Alice, white; Beauty of Nice, pink, will make nice pot plants for Easter, $2.00 per 100. Cash, please, or C. O. D.
A. Relyea & Son, Poughkeepsie, N. Y.

Stocks, double white, for Easter, $1.00 100, $8.00 1000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

SUMACHS.

Cut-leaf, stag-horn sumach, large stock, 10c to 15c. Edw. Teas, Joplin, Mo.

VEGETABLE PLANTS.

CABBAGE—Early and Flat Dutch, Succession, L. I. Second Early, Jersey Wakefield, etc., 25c per 100, $1.00 per 1000, $8.50 per 10,000.
LETTUCE—Big Boston, Boston Market and Grand Rapids, 25c per 100, $1.00 per 1000.
PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.
TOMATOES—Lorillard, seed bed plants, 50c per 100, postpaid; 2¼-in. pots, 40c per doz., $2.00 per 100.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Lorillard tomatoes, best for forcing; big stock of 2½-in. pot plants, $2.00 per 100. Cash, please. Roney Bros., West Grove, Pa.

Asparagus, Conover's, per 1000, $2.50; rhubarb, $2.50 per 100; horse-radish, 50c per 100; strong roots.
H. H. Kern, Bonner Springs, Kan.

Lettuce plants, Grand Rapids and Boston Market, $1.00 per 1000; $4.00 per 5,000.
J. C. Schmidt Co., Bristol, Pa.

VERBENAS.

Verbenas, 60 varieties. The largest and finest stock in the country, healthy, no rust. Rooted cuttings, 60c 100; $5.00 1000; plants, 2½-in. pots, $2.50 100; $20.00 1000.
J. L. Dillon, Bloomsburg, Pa.

Verbena rooted cuttings, 30 var., 60c 100, $5.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

10 varieties mammoth verbenas, named; rooted cuttings, 50c 100, prepaid.
Hopkins & Hopkins, Chepachet, R. I.

Rooted cuttings of mammoth verbenas, 60c 100, $5.00 1000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Verbenas, white, purple and scarlet; separate, $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Verbena rooted cuttings, 60c 100; $5.00 1000. Prepaid. C. Humfeld, Clay Center, Kan.

VINCAS.

Variegated vincas, 4-in. pots, strong plants, $8.00 per 100; green, $6.00 per 100. The plants are pot bound and will ship well.
The Yates Floral Co., Jos. Traudt, Prop., Canajoharie, N. Y.

Vinca variegata, strong, 3-in., plenty of leads, ready for a shift, $4.00 per 100; 3½-in., 6c. Cash. W. J. Engle, R. D. 8, Dayton, Ohio.

Vinca var. maj., 3-in., $4.00 per 100; 2½-in. $2.00 per 100. Good stock. Cash.
C. F. Mahan, R. D. 8, Dayton, O.

Vinca variegata, rooted cuttings, $1.50 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Trailing vincas, thumb pots, 2 varieties, $2.00 100. Cash.
Geo. L. Miller Co., Newark, Ohio.

Rooted vinca cuttings, $1.00 per 100.
Converse Greenhouses, Webster, Mass.

Vinca variegata, 3-in., $5.00 100.
Frank A. Pierson, Cromwell, Conn.

VIOLETS.

Lady Campbell rooted runners. 90,000 fine healthy stock cheap for cash. Write for prices and sample. A. Coombs, West Hartford, Conn.

Lady Campbell violets, strong sand and soil stock. Prices on application.
Wm. Swayne, Box 226, Kennett Square, Pa.

We make a specialty of violets. Write
Eli Cross, Grand Rapids, Mich.

MISCELLANEOUS.

Aquilegia (columbine), single mixed, 2¼-in.; Gaillardia grand., 2¼-in., plumbago, blue, white, 3-in. pots, $3.00 100. Maranta massangeana, 2¼-in., $4.00 100. Swainsona alba and rosea, 2¼-in., $2.00 100; $17.50 1000. Holt's Mammoth sage, $2.00 100; $15.00 1000. Sweet Williams, double mixed, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Rex begonias and primroses, 3-in., in bloom, 75c doz., $7.00 100; geraniums, mixed; Mme. Salleroi; feverfew, Marguerites, Vinca var., smilax, Asparagus Sprengeri, and flowering begonias, 2¼-in., 40c doz., $2.00 100.
Harmon & Henderson, Iola, Kan.

TO EXCHANGE.

To Exchange—Heliotropes, rose geraniums, verbenas, 2 and 3-in.; Sprengeri, 3½-in., fine; 50,000 cannas, 20,000 tuberoses, all first-class stock and cheap, for 2-in. pot roses, geraniums, mums, carnations, gladioli, or, what have you? If there is any trade in you, write us.
Greenville Nursery & Floral Co., Greenville, Tex.

To Exchange—2½-in. Sprengeri, 3-in. geraniums, cuttings of Princess Wales violets, carnations, vincas and mums for Begonia Lorraine, 1904 carnation novelties, Asparagus plumosus and some varieties of mums.
Smith & Gannett, Geneva, N. Y.

To Exchange—Asparagus plumosus, 4-in., for rooted cuttings of Boston Market or White Lawson carnations.
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I have several Boston ferns standing side by side, all having the same treatment, but some are spotted like the enclosed fronds and some are all right. I picked off all the spotted fronds but the new ones show spots, too. They are kept cool. What can I do to stop it?

H. M. K.

These fern fronds look as though they were spotted by salty water, the specimens in question being young fronds that are scarcely half developed, but show decided spots of brown on either side of the center vein, the spots being from one-eighth to one-quarter of an inch in diameter. Ammonia from fresh manure might also cause such an injury though this is more likely to attack the tips of the fronds than the pinnæ.

But without further particulars regarding temperature and treatment it is rather difficult to form a definite conclusion for with a very low temperature and too much water when freshly potted, there is a possibility of injury to these ferns. A night temperature of 60 degrees and full sunlight at this season will grow sturdy Boston ferns, provided that they are potted in good rich soil, and given sufficient water.

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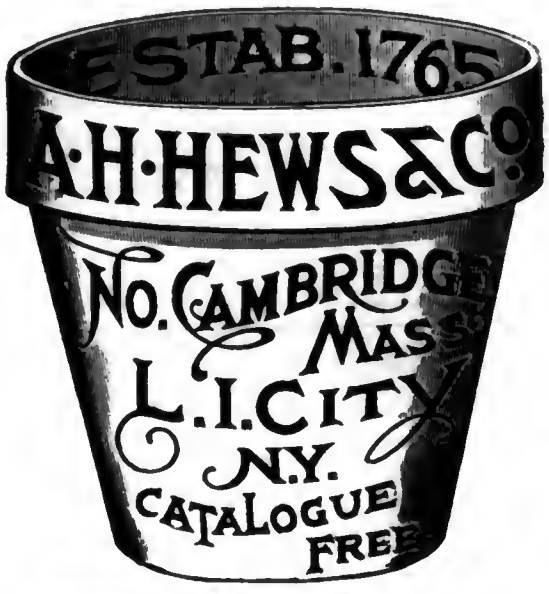
Will fumigating with tobacco stems injure sweet peas? M. E. G.

No, we never noticed that fumigating hurt the sweet peas, either leaf or flower. It may do damage if overdone and if you smoke with stems in the old-fashioned way the flowers will have anything but their delicious odor on the following day. Use the tin pie dishes and tobacco dust and you will escape that stale tobacco flavor. W. S.

Liberty, Mo.—Paul Stark, who recently met with misfortune, expects to rebuild his greenhouses in the spring.

Leavenworth, Kan.—On January 26 fire destroyed the outbuildings at the Kline greenhouses. The greenhouses and stock were considerably damaged.

Huntsville, Ala.—Messrs. Boyd & Wellman, owners of the greenhouse business of Gustav Hoffman, have leased the establishment to John T. Fisher. Mr. Hoffman disappeared some weeks ago.



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" No. 5	4x8x22	3.00	"	.50	"
" No. 6	4x8x28	3.75	"	.00	"
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G. L. GRANT, Editor and Manager.

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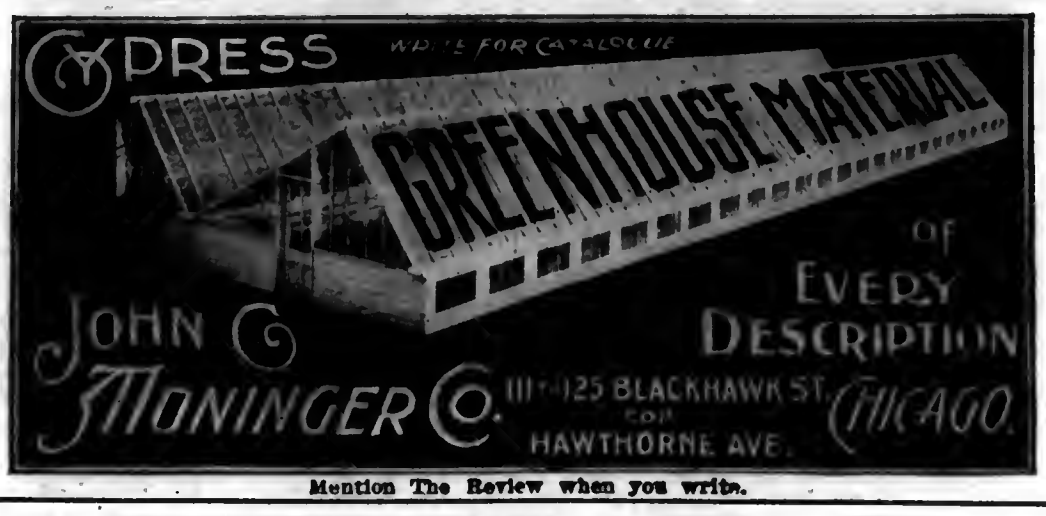
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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

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Vol. XV. CHICAGO AND NEW YORK, FEBRUARY 9, 1905. No. 376

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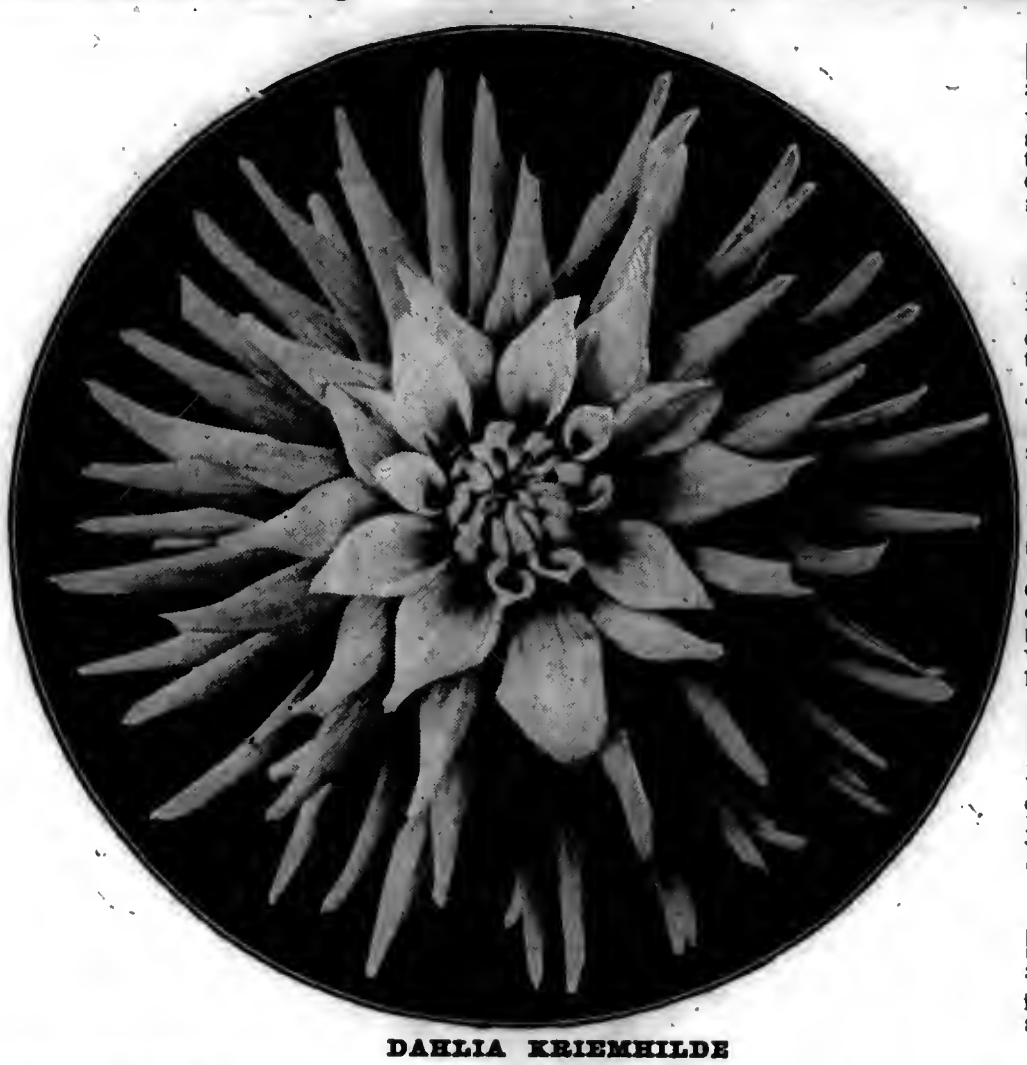
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Alyssum, Sweet oz, 15c; ¼ lb., 50c.
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Mignonette, Machet	10c	Salvia, Lord Fauntleroy	25c
Nicotiana Sanderæ	25c	Stocks, Queen Alexandra	25c
Pansy, Florists' mixed	25c	Verbena, Mam. mixed	25c

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20-inch stem	3 00
15-inch stem	2 00
12-inch stem	1 50
Short stem	75 to 1 00

	Per 100
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BRIDESMAIDS	6 00 to 12 00
GOLDEN GATES	6 00 to 12 00
METEORS	$6 00 to $12 00
LIBERTIES	6 00 to 15 00
CARNATIONS, ordinary	1 50 to 2 00
" fancy	3 00 to 4 00
VIOLETS	50 to 1 00
CALLAS, doz., $1 50-$2 00	
JONQUILS	3 00 to 4 00
DAFFODILS	3 00 to 4 00
ROMANS	4 00
VALLEY	2 00 to 4 00
HARRISII	$2 50 doz.
TULIPS, ASSORTED	$3 00 to $5 00
ASPARAGUS, strings	50 00
" Sprengeri	2 00 to 5 00
FERNS...per 1000, $2 00	25
GALAX, gr., 1000, 1 25	15
" br., " 1 50	20
ADIANTUM	1 00
SMILAX, doz., $1 50-1 75	
LEUCOTHOE	75

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" Washington	12.00
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" Lemoinei	15.00
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" " " dbl., " $1.00
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Send for our beautiful catalogue. Philadelphia.

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two feet high, each will bear for Easter from twenty to thirty Racemes of Flowers, making a **MAGNIFICENT SHOW.**

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Our own selection $8.00 per dozen.

FERN BALLS, 5-inch, 20c each: $2.00 per doz; $15 00 per 100.
7x9-inch, 30c each; $3.00 per doz.; $22.00 per 100.

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Asparagus Plumosus Nanus Seed, NEW CROP, greenhouse-grown, best germination, 100 seeds, 60c; 1000 seeds, $4 50.

In stock, Begonias, Gloxinias, Gladioli, Tuberoses, etc. Send list of wants. Address

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108 W. 28th St., NEW YORK CITY.

—HEADQUARTERS FOR NOVELTIES—

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THE RETAIL FLORIST.....

BASKET STUDIES.

It will be easily observed that the more graceful forms will be found among the round or modified round shapes in baskets, and of these the high-arched handles fill to the best advantage. This follows the principle that long, easily curved lines most nearly approach the beautiful. This is why Nephrolepis Bostoniensis is far more admired than Nephrolepis exaltata. The lines formed by the leaf stalks of the former are longer and more easily curved than the latter.

Another good point in basket construction is the close resemblance in form of the basket outline and the form which the handle takes. In the basket used for the lily of the valley in the accompanying illustration the handle takes a modified circular form, which description also applies to the basket form. In the basket used for the violets the handle becomes a part of the basket proper, which is even better than the first.

One of the most graceful baskets ever manufactured and put on the market was shallow, round-bottomed, with a handle also round, which formed the lower framework of the body of the basket as it encircled the same.

A high-handled basket is most daintily and appropriately filled when there is ample unfilled space between the basket proper and the top of the handle. In other words, do not try to fill in long-stemmed flowers from the basket to the handle. Trim the handle itself, elaborately if desired. Fill the basket full below, but leave the space under the arch of the handle unoccupied, as is shown in the two illustrations herewith. On the contrary, when a low handled basket is used, fairly bury the handle in long-stemmed clusters of flowers or foliage.

The first basket is simply designed, both in color and trimming. The basket itself is crimson. The lower part is filled with valley with its own foliage and the handle is nearly covered with a garland of smilax on which are fastened Golden Gate roses. It is suitable for a reception table centerpiece, for display purposes, or for presentation. For the first two purposes no stemming or sphagnum is necessary. Place the valley in a flaring dish which will fit inside of the basket and let the flowers be in water. Do not use a rose bowl or any receptacle the mouth of which is confining or inclined to throw the flower stalks in towards the center rather than to allow them the outward tendency.

After filling in the body of the basket with the lilies and the valley, take a string of smilax of medium weight and fasten the heavy end near the lower part of the handle on the left side. A little twist of fine wire will be sufficient to do this without allowing it to be seen. Then carry the smilax up to some point on the top edge of the basket about one-third of the way around toward the right and fasten again lightly to the rough surface of the basket. From this point drop a drape in the smilax down to the base of the outside of the basket and up to the point where the handle touches the top edge of the basket on the right. Secure the smilax here in the same manner as before and follow the handle upwards around the top to a point slightly more than half-way down the handle on the left side. This will be about the tip end of the string. Let it drop where it will of its own accord, leaving a portion of the handle bare. Part of the way around the handle let the smilax drop a wee bit from the handle and in other places let it come over the handle. Secure here and there with tiny wrappings of wire. You often have at hand Golden Gate roses which you cannot coax to hold up on account of weak stems. Here is the place for them. Here and there on this smilax garland fasten these limp roses and let them have their way, as is shown in the first picture. Next place a rosette of four or five wood ferns against the left side of the handle, with their stems inside of the dish which contains the valley.

If the above is wanted for presentation the valley or other flowers which fill the basket proper will need to be stemmed and planted in sphagnum, after the manner of design work. Wired picks can be used, the foliage on about half of the sprays being stemmed in with the flowers. The entire valley stalk as it is cut makes too thick a stem to be wired to a pick. The outside sheath should be removed, leaving only the inside stalk. Wire this carefully, as the tender stem breaks easily if wrapped too tightly. Both sides of the handle, front and back, should be treated the same, or the garland brought round and round the handle, the latter being the less desirable of the two.

In the second illustration the same simple design is followed in conformity with the shape of the basket. The basket is oval in form with birch bark cover. The violets are placed in a small vase of water in the basket. In this case, also, circumstances may require the flowers to be stemmed and in-



Valley in the Basket, Golden Gate Roses on Handle.

serted in sphagnum. Only the natural violet foliage is used here for green. The small bunch of violets tied on the left side with light violet cord completes the basket. The stems in this bunch are their whole length and they thereby add to the decoration of the handle. The color scheme of the dark violet of the flowers, the light violet of the cord and the grey of the birch bark basket is particularly soft and pleasant. The style of basket and its size make a good centerpiece for a small luncheon table or for gift purposes. Gertrude Blair.

MISCELLANEOUS SEASONABLE HINTS.

Care for the Lilies.

There will be no excuse for any belated Japan lilies this Easter. As we had no trouble in getting the great majority into bloom three weeks earlier last year, there should be little need of strong forcing this season. I don't care how many years you have been forcing lilies, there is always a little anxiety whether you are too early or too late. And it is this anxiety that makes the successful man. The weather has considerable to do with it, also how forward they are now. If eight to twelve inches high now a night temperature of 55 degrees should do very well for another month.

Last year we advised our friends about this time to select 300 or 400 plants that were so backward that it would be impossible to get them into flower by Easter and put them away in a very cool house and let them come along for Decoration day. They did a few, but not half enough. These lilies in quantity fall pretty flat a week or two after Easter, while at Decoration day there is a good class of customers who will pay Easter prices for a fine bunch of lilies.

It is too early yet for these plants to be much troubled with greenfly, or rather fumigating with tobacco dust will keep them down, but soon the time will be here when the fly will be deep down in the rosette of leaves, looking for those small, tender buds that are not yet visible and there is, I think, no doubt that the twisting and splitting of the petals in the mature flower are caused by the puncture of the aphis when the bud is very small. Nicotine extract sprayed into the crown will fix them. We have used this nicotine at a strength of 300 of water to one of the nicotine, but for the lilies would rather use it weaker, say 500 of water.

Start "Green Goods" Now.

It is a good time now to sow seeds of three most useful plants, Asparagus plumosus and Sprengeri and the old, every-day smilax. Don't buy the asparagus because you see it advertised cheap. Old seed is very dear as a gift and there are many complaints about its not germinating. Asparagus plumosus is in constant demand as a decorative vine in short sprays for finishing off a cluster of flowers. For fern dishes there is nothing surpasses it as a small, bushy plant, either alone or mixed with ferns. Of Sprengeri we never have too much. With large bunches of flowers it is indispensable and it can be grown along the edges of paths and in situations that would otherwise be vacant. But you must give it an abundance of root room and liquid manure. It may pay you to buy 100 strings of smilax when you need it, but it is very awkward to be without any on your place, and for a paying crop you want good strong 3-inch stock to plant about July 1.

Cinerarias.

You may be growing some cinerarias for Easter. We think we can remember it's introduction to the gardens of England, a wee small flower by the side of the present beautiful blossom. Free growing, cold blooded plant as this is, it is easily made a failure. Neglect water and you will lose its best foliage. Overwatered and it will go right off dead like grandfather's clock, "never to go again." And the greenfly is ever ready to feast on it. In a commercial place there is no excuse for this, as plunging the pots in tobacco stems and renewing them every few weeks will effectually keep the greenfly away. There is at present a very fine lot of cinerarias in bloom at our North park and John Cameron, the foreman, tells me they were never fumigated. About 45 degrees at night is plenty warm enough for cinerarias. William Scott.

A BLACK FLY.

We have a black fly in our greenhouses similar to the housefly but much smaller. Fumigating with tobacco stems or nicotine extracts seems to have no effect on it. It seems to speck the lily blooms badly. How can we get rid of it? D. A. L.

We know of no fly at all comparable to the common housefly that infests a greenhouse and if they do not trouble the plants they do not belong to the aphis family. It may be worth mentioning that the writer many years ago brought the greenhouse fumigating pot into a kitchen, thinking to destroy the lives of 10,000 houseflies. We filled the old kitchen so full you could not see the end of your nose, yet the flies only enjoyed it.

The hydrocyanic acid gas must destroy these flies, big or little, as it does everything that has lungs. Do not be afraid to use it. The formula has been given in these pages many times, but once more here it is: One pint of water, one pint of sulphuric acid. Mix in a gallon butter jar. Add to the above two and one-half ounces of cyanide of potassium. These quantities are for 2,000 cubic feet of air space in the house, so the number of jars you need will depend on the size of the house. It should be done after dark and keep the ventilators closed all night. There is not the slightest danger, but do not tarry. Just drop the little parcel of cyanide into the jars and walk along towards the door; neither will it injure any plant. W. S.

CARNATIONS

A GOOD WHITE.

Can you suggest a good, free-flowering, medium sized white carnation to grow? I find Norway and Queen Louise too slow in blooming after the bud forms. I want a kind that blossoms quickly and freely, like Scott or Lord in pink, one with good stem and not liable to burst. C. L. W.

There are several good varieties on the market now, especially among last year's new ones. The best of the old ones are, perhaps, Her Majesty and Boston Market. Much better than these however are Lady Bountiful, Vesper and Moonlight, all of which are as free, besides being much larger.

Regarding varieties developing slowly or rapidly, it might be of interest to relate our experience in a few tests we made last fall and it was a surprise to us how little difference there was in the time it took some fifteen varieties to develop their buds. On September 6 we selected and labeled one bud on each variety, choosing shoots that showed buds in as near the same stage of development as possible and just as young as possible. The buds were just plainly visible. Here is how they developed and were ready to cut: Her Majesty, October 7; Moonlight, October 9; New Daybreak, October 14; Lawson, October 8; Beatrice, October 8; Queen Louise, October 6; F. Hill, October 5; Lady Bountiful, October 8; Lorna, October 13; Indiana Market, October 9; G. H. Crane, October 13; Crusader, October 8; Innocence, October 8; Enchantress, October 7; The Belle, October 6; Adonis, October 14; Harlowarden, October 14; Floriana, October 10.

By this you will see that it took on an average or about five weeks to develop the blooms from the time the buds made their appearance. The difference might be even less than is shown here if it were possible to select the buds to a day, but that is impossible. Nor do the fullest blooms always take the longest to develop, as is shown by Enchantress against Adonis and Harlowarden. Of course this does not show any variety's capacity for producing a crop rapidly, as such a test must begin much earlier, but I was merely curious to know just how long it does take a bud to develop from the time it appears and the difference in time required by the different

varieties. C. L. W. will notice that Queen Louise, of which he complains, was one of the first to bloom. Only Flora Hill was ahead of it.

A. F. J. BAUR.

CARNATION NOTES.—EAST.

Treatment of New Arrivals.

Cuttings of any variety you may buy of another grower need somewhat different treatment than those rooted on your own place, and this is especially true in the case of new introductions. The necessary handling in packing for shipment and delay in getting into soil, damages the tender roots to some extent and consequently these are apt to be slower in starting than if potted at once on being taken from the sand.

With a new variety for which the demand for cuttings is large, it is reasonable to suppose that the introducer is obliged to carry the temperature of his cutting bench a trifle high to keep pace with the orders, so perhaps the stock will be a little soft, but no harm will result if treated accordingly, giving extra close attention to shading, watering and spraying.

Some may call a rooted cutting any part of the plant, large or small, which has been inserted in sand and taken root, but it is questionable whether all could be called cuttings that are so inserted. I have always obtained the best results by purchasing unrooted cuttings and would advise all who have good facilities for propagating to follow this plan; we would hear less about its taking two years to get a new variety on a paying basis.

Be sure your soil is prepared well in advance, thoroughly warmed up and free from bone meal, wood ashes or chemical fertilizers. The best results may be looked for if pure rotted sod alone is used. Use clean pots and give the stock a bench worthy of its record. Cuttings of new varieties are of necessity higher in price than those of older sorts and every one is entitled to strong, healthy stock, but do not think because you pay $10 or more for a hundred cuttings that you can abuse them by potting in rich soil and rush along in a high temperature, with a view of obtaining more cuttings from the tops.

If you were present at the convention and were influenced by their appearance there, to invest in any new varieties, get all the information you can regarding their requirements, but remember you were viewing exhibition blooms, every one selected and grown with extreme care. If you succeed in growing blooms to score ten or fifteen points less, you should be satisfied.

GEO. S. OSBORN.

SHEEP MANURE FOR MULCH.

On page 465 of the REVIEW for January 19, H. B. G. asks about sheep manure as a mulch and Mr. Baur says to use a 4-inch pot of bone meal with a bushel of sheep manure and spread it on a half inch thick. At the same time Mr. Baur says to feed lightly. What would he call heavy feeding? We certainly should not venture to put on a half inch of sheep manure at one time. A good handful for every three plants will be sufficient. For a feed this season we have used the following mixture and are sure it is all right: One bushel well rotted cow manure, two quarts lime, two quarts wood ashes, four quarts bone. But don't make a mulch of it or it will show how strong it is. A. LAUB & SON.



A Birch-Bark Basket of Violets.

When I wrote my answer to H. B. G. I meant just what I said. A half inch of sheep manure will not harm your carnations if they are in good condition and need feeding. If they are not in good condition, then you had better not feed them at all. Perhaps I should have said a scant half inch, and no doubt it would be safer to use less rather than more than a half inch.

Many growers are needlessly afraid of sheep manure. While it is a much stronger manure than cow manure, yet it is not so strong as many imagine. Two years ago some of our men were mulching a bed of mums with cow manure. The material ran short when there were a few feet more to cover and instead of asking for advice, they finished it up with sheep manure applied one inch thick. When I discovered it I expected those plants to turn yellow and die, but instead they took on a fine dark green color and grew as well as any of the others.

Of course carnations will not stand as much as chrysanthemums will and I have never used over a half inch on them, but I have used that much without harm. A half inch of loose material is not much. You will find that most of it will wash into the soil in a very short time. Now, I also know that sheep manure will vary greatly in strength and it is always safest to experiment a little before putting a lot on the benches to see how much is right to use. We have used a good inch of sheep manure in the bottom of a 6-inch pot when potting calla lilies and visitors wondered what caused the plants to grow so strong after the pots were apparently full of roots.

I fear Laub & Son are like many others, laboring under the mistaken idea that sheep manure is a dangerous article to handle. I would advise them to experiment a little, just to find out for themselves how much sheep manure a carnation plant will stand, when the plants are in good shape—and they should be fed only when they are in good shape.

The composition Laub & Son describe is several times as strong as the sheep manure and bone as I recommended it and I certainly would not advise anyone to use more than a good heavy sprinkling of it. We prefer to use bone and manure without lime. The lime makes it act quicker and therefore makes it stronger at the beginning. A. F. J. BAUR.

TEMPERATURE FOR WATER.

Is water taken direct from the city mains at 40 degrees too cold at this time for use in watering carnations? What is a practical way of warming it?

J. W. M.

I do not think water at 40 degrees is

too cold to water your plants with. In fact, a few years ago I noticed an account of some experiments made with water at various degrees and, if I remember right, the plants watered with water at about 38 degrees made the best growth of all, although the difference in any of them was slight. If you want to heat the water have a sort of a drum made of 5-inch or 6-inch pipe and about six to eight feet long. Attach this drum to your steam pipes and keep it full of steam when watering. Run the water pipe through this steam drum and you will find it tempered considerably after going through it. There may be better ways, but I have seen this method in successful operation.

A. F. J. Baur.

OUTDOOR CARNATIONS.

Please name the best summer blooming carnations for outdoors, say one white, one pink, and one red. L. M.

If I had to confine myself to three old varieties for summer blooming carnations I would choose Flora Hill for white, Crocker for pink, and Crane for red. However, we also grow Indiana Market and Moonlight for white and Beatrice for light pink. A. F. J. Baur.

A GOOD SOIL.

Please tell me what constitutes a good soil for carnations. K. H. B.

A soil suitable for carnations should be of a rather light sandy character, with plenty of fibre in it. This should be taken from the top spit of pasture land and should be put into a neat pile, with about one-fifth of decomposed horse manure added. This should be chopped up and turned over several times previous to placing it on the bench. R.

LEAF-MOLD FOR SOIL.

Last August I went to the timber, found some sandy land and scraped away the dry leaves and took about an inch of soil from the top of the ground and mixed it with black loam and manure two years old, one quarter manure, one-quarter black soil, and filled my benches five inches deep with the mixture. I set my plants in it the last week in August and I have had an abundance of flowers since Thanksgiving. I have carnations now three inches in diameter and stems twenty-eight to thirty-four inches long. The stems are stiff and erect, carrying the flowers upright. I tell you, they are nice! I am going to put them in next fall the same way again and I believe if anyone wants to try my experiment he won't lose anything by doing so. Alfred Runnion.

WHERE QUALITY IS WANTED.

I am growing carnations in a house 18x40 and want quality rather than quantity. I have Enchantress, Prosperity and Mrs. Lawson, which are doing fine. Other varieties, such as Patten, Manley and Golden Eagle, are fair. Would like a good white, as Wolcott bursts badly. I saw some blooms of The Belle which were fine but have never seen it growing. I must grow them all in one house. What varieties would you recommend? W. H.

You can hardly improve upon Mrs. Lawson, Prosperity and Enchantress in their respective colors where quality is the main object. You will find Lady Bountiful more satisfactory as a white than The Belle. Flamingo will give you a fine quality scarlet. You can tell better than I how they should be planted in the house, as you know which bed is the warmest. Lawson, of course, wants the most heat, while Enchantress wants to be grown cool, the others medium.

A. F. J. Baur.

SOIL FOR CARNATIONS.

I would like to ask if there is anything that could be done with the soil in the field that would be of any benefit in growing carnations? The soil is of a very hard nature, although I have put on a little manure every season. Would there be any danger of getting on too much for the carnations? Would sand spread on the land be of any benefit?

W. S. H.

Perhaps the best way to get your soil into a lighter, more mellow condition would be to manure it heavily and sow clover on it for a year or two. However, if you are obliged to use it this summer you must find some other way. Too much manure is not good, as it is apt to start stem-rot, but you need not be afraid to put on a good coat if it is mostly straw. It should have been put on and plowed under late in the fall, so it would be pretty well rotted before planting time. To spread on a lot of sand and plow it in might help some, but I think a good dressing of wood ashes will do more to loosen up the soil than the sand would. Also be sure it is well drained. All the manuring and doctoring will do but little good if the water stands on it much of the time.

A. F. J. Baur.

AMERICAN CARNATION SOCIETY.

Department of Registration.

M. Winandy, Chicago, registers Lizzie McKey, color scarlet red, size three inches in diameter, length of stem eighteen to twenty inches, strong and erect.

The Indianapolis Flower & Plant Co., Indianapolis, registers Coral, color peach blossom, very bright and showy, size three and one-half inches, slightly, fringed, very full and good strong calyx, vigorous growth and continuous bloomer. Allspice, color white, heavily striped with red, and petals edged with red. Size three and one-half inches, very full heavily built and unusually fragrant; very prolific, strong, quick, continuous growth. Candace, color pink, shade lighter than Lawson, size three and one-quarter inches, very round, well formed flower; an early and extremely heavy producer throughout the season, quick grower. Albert M. Herr, Sec'y.

CARE OF CUTTINGS.

The Chicago Carnation Co., Joliet, Ill., supplies the following directions, printed in its catalogue, for the care of young stock:

As soon as received from the distributer, they should be potted in 2-inch pots by experienced men, who must use great care and judgment. Too many young carnations are potted too deeply; that is, the root crown is buried from three-quarters of an inch to one inch below the surface of the soil. This is wrong. The root crown should not be more than a quarter of an inch below the surface of the soil; still they should be so firm that when watered they will not topple over. Use a soil that has never been in a greenhouse before. If your soil is heavy or on the clayey order, add clean, sharp sand in proportions that will permit of good drainage and easy action of the young, tender roots. As soon as potted, place in a house with a temperature of 50 degrees at night and not over 60 degrees in the daytime. Give them a thorough watering at first, after which great care must be exercised that they do not become too wet or too dry. Strong draughts of air should never be allowed to strike them, nor should they be exposed to the direct rays of the sun until they show signs of taking new root action and signs of growing or straightening up of the leaves. It is a good plan to use strips of burlap for shade during the lightest hours of the day, taking same away entirely as the sun disappears, leaving them exposed to all the light possible, except sunlight, until they have hardened up, when all shade should be taken away.

If these instructions are followed, it will be only a short time until you can turn the plant with the ball of earth out of the pot and examine the roots. If the bottom of the ball is well covered, it is a sign they are ready for larger pots or the field, as the case may be, according to the season.

A BELATED LETTER.

When William Scott, of Buffalo, found that his health would not permit him to attend the Chicago convention of the American Carnation Society, he acted on the suggestion of a member, and wrote a letter which was intended to have been read at the meeting. The letter went with some other unopened mail into the overcoat pocket of President Hartshorne, and overcoats not being in demand where meeting and lodging were all under one roof, did not come to light until after adjournment. Here it is:

Dear Mr. Hartshorne: Your telegram received. It always touches a soft spot when you have proor that distant friends have you in mind and hope for your health and prosperity.

You can hardly realize the keen disappointment it is to me not to meet you all in the marvelous city of Chicago. Of all interesting, instructive and socially enjoyable meetings that the year evolves, there is to me none so heartily enjoyed as the Carnation Convention. An aggregation of scientific, practical and earnest men intent on the development and improvement in culture of the glorious carnation! If the wonderful development of all desirable qualities in the divine flower during the past fifteen years cannot be attributed to the influence of our society, much of it can. It has stimulated men to make wise selections in crossing flowers. It has imparted to thousands the most up-to-date culture. Its annual display of blooms is an honest tribunal and if a flower does not come up to the standard required of the day it quickly passes into oblivion. Finally, it has impressed on a number of good men to concentrate their talent, skill and perseverance on the culture of the carnation, and when that occurs improvement and evolution must follow.

There are no foolish sports injected into the meetings to disturb the business of the convention and attract the light-brained brigade away from what they came to see and hear. Perhaps (I say guardedly, pernaps) some of the staid ones may retire to a secluded room and have a little game with a moderate limit, but that is no business of the convention, as it is usually after business hours, that pleasant time between business and bed time which Phil Hauswirth calls the "Go as you please period."

Had I the good fortune to be with you, I might have had the honor to say a few words. I had prepared a Magnificent (?) address; I regret for your sakes that you will miss it.

In a very neat review of the Detroit

convention, Mr. Baur, of Indianapolis, referred to the splendid entertainment and banquet given by the Detroit men. He said some men could tell a most humorous story and then change with true eloquence to the beauties and influence of our moral calling. Of course he had in mind E. G. Hill. Continuing, he said other men could only stand up and string together a lot of alleged jokes and stories. That shot was undoubtedly meant for W. S., so I was going to surprise Mr. Baur by being serious. I was going to review the improvement in the carnation since the time we grew a few hundred each of La Purite, Edwardsii and President De Graw, which was the winter of 1872 and 1873, and I say that in the opinion of the writer you could count on the fingers of one hand all the varieties that have marked an epoch in carnation culture.

From the date quoted there were long, dreary years with little attempt to improve. True, there were many varieties a slight improvement on preceding kinds, but not enough to be startling or that could be grown successfully by the great majority of gardeners. I shall skip over many varieties that were widely grown. If I have not grown most aspirants to favor I know the career and reputation of the very great majority. From that day to this hundreds of varieties have arisen like the morning sun, passed quickly over the zenith of their fame and dropped into darkness. Numbers of others ended their career almost at their birth.

The first really great carnation to break the dark ages was Daybreak, which was sold by the raisers for the exorbitant price of $300. The next really great carnation was my namesake, a compliment by Messrs. Dorner that I shall always remember. Another six or seven years elapsed and then the greatest advance of all was sent out by Peter Fisher—the immortal Mrs. Lawson. Again in three years it fell to the skill of Mr. Fisher to give us the last carnation that I can say marked an epoch—the easily grown, grand Enchantress.

I think among the chosen few should be included the gorgeous Prosperity. Although not grown profitably by all, it has size and beautiful markings decidedly its own.

I am not unmindful that there have been several notable breaks in color: The well known Buttercup, but few could grow it. C. W. Ward's fine crimsons and Mr. Hartshorne's splendid and easily grown Harlowarden, but if I included those as milestones, then dozens of others would have to come in.

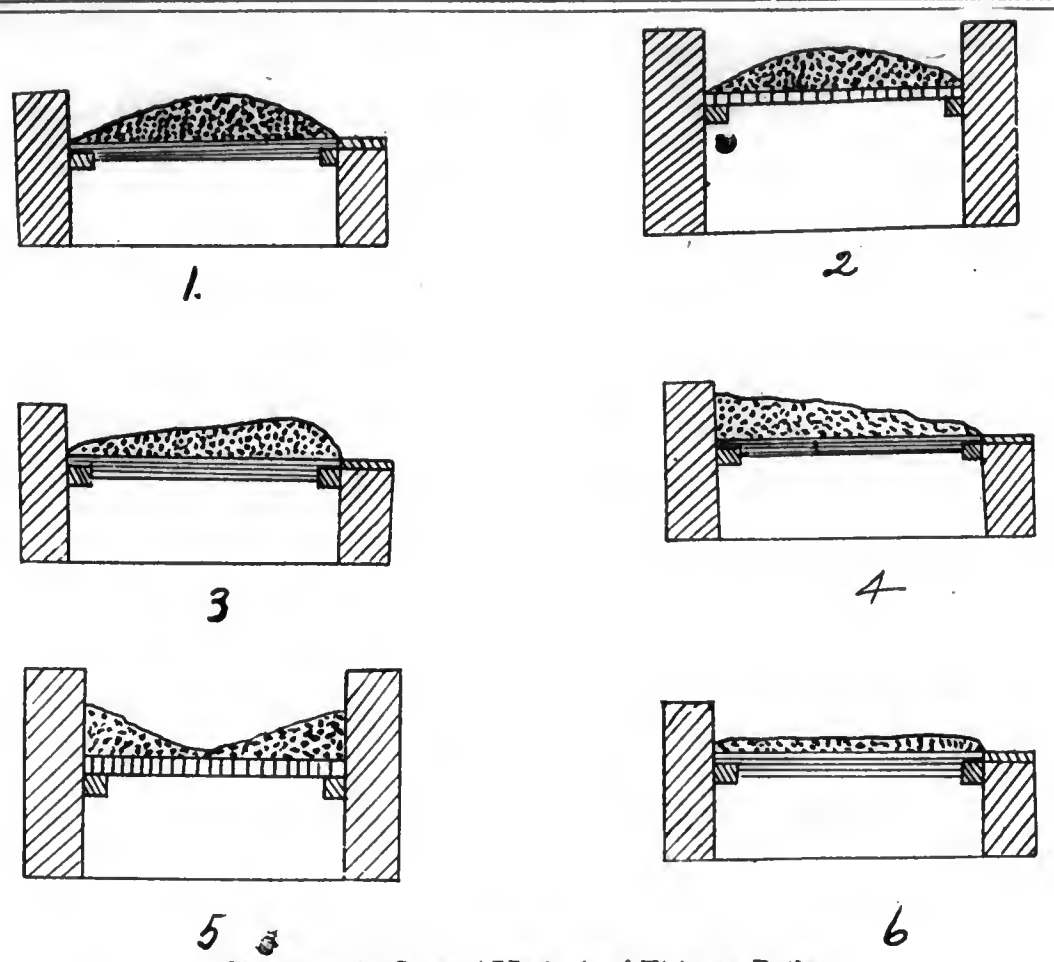
As for those not yet disseminated, proof of their being classed among the immortals is not yet given.

In conclusion, I sincerely hope that Fiancee, Robert Craig, Cardinal, Fred Burki and others may prove all that they appear at present, for there is in their respective colors great demand and need of them.

Hoping that the convention will be an unqualified success in every respect, and that the Chicago boys will not bankrupt themselves in their royal hospitality, I remain, Very truly yours,

WILLIAM SCOTT.

RUTHERFORD, N. J.—The business of Julius Roehrs has been put into a stock company to be known as the Julius Roehrs Company.



Showing the Several Methods of Firing a Boiler.

ECONOMY IN THE USE OF FUEL.

Practical florists and experimenters have given much attention to the construction of greenhouses. They have increased the size of the glass, thus materially lessening the number of sash bars necessary for a given area of roof. The old, cumbersome wooden frame has been replaced by pipe and steel supports. All this has contributed to improve the conditions of light for the plants. The relation of radiating surface to glass area to maintain certain temperatures is now being appreciated and carefully considered by commercial growers. The one problem which has been neglected, except during periods of extreme prices, such as during coal famines, is that of the economical use of fuel. This is one of the factors which must always be reckoned with and it is the one in which, through improperly constructed or poorly set boilers or by improper firing, more loss will occur than through any other single factor. The kind of fuel to be used in any case will be determined by the type of the boiler and the method of firing to be practiced.

In small plants, where hot water is used and where a special night fireman is not employed, it is almost an absolute necessity to use some grade of anthracite (hard) coal. Anthracite coal is the only grade that can be used in magazine heaters or in small fire box, cast-iron heaters to advantage. As a rule, however, it is not the most economical form of fuel. The price per ton is usually much higher for the larger sizes of anthracite than for bituminous or even for small sizes of anthracite. In steam generating plants where constant pressure is required and where a fireman is continually in attendance soft coal or No. 1 or No. 2 buckwheat anthracite is most used. Boilers which will properly use the buckwheat anthracite will also burn soft coal.

The comparative value of these coals is somewhat as follows in a steam generating plant: Semi-bituminous (soft coal) at 100 is equivalent to No. 1 buckwheat at 80 and No. 2 buckwheat at 68. The larger sizes of anthracite are not generally used to generate steam and relative values for comparison are not at hand. It is safe to say, however, that in generating plants its value would not be much in excess of the soft coal, ton per ton. It is evident, therefore, that everyone contemplating the installation of a heating plant should give close attention to the kind and cost of fuel used.

The next important point is the type and setting of the boiler. All things considered, the return tubular steel boiler is the most economical type for either steam or hot water heating in connection with greenhouse work. The economy of a boiler is measured by the transmitting power of the heating surface and the area of the heating surface. The more easily and quickly the heat reaches the water and the greater the area brought in contact with the heated gases, the greater the efficiency derived from the fuel used.

Following this is the proper construction of the walls used in setting the boiler and in the proper covering of the flow pipes not directly concerned in heating. About twenty-two per cent of the heat in coal escapes by the chimney in the best boilers, one per cent is lost through the grates in unburned coal with the best of firing and with careless firing the waste may be increased many times. About five per cent is lost as direct radiation from the boiler itself and two to three per cent more in the flow and returns not used in heating the plant, making in all about thirty per cent of the total value of the coal. The best of boilers working under good conditions are capable of delivering for heating purposes only about seventy per cent of the heat in the coal. The greatest care and economy should therefore characterize the choice and management of a heating plant.

Even different methods of maintaining a fire determine to large degree the efficiency derived from the coal burned. The accompanying sketches show the different forms which coal in a furnace may assume.

Figs. 1 and 2 show cross sections in

both directions of a furnace with the coal heaped high in the center. It is easy to see that the air flow through a heap of this form will be uneven. It will be greatest at the edges. A great amount of cold air will be allowed to pass through the thin edges. This will act to cool the gases thrown off by the smouldering fire of the deep portion and the best use of the coal will not be attained.

Figs. 3 and 4 show the two types of wedge firing which are practiced by many firemen. This method has the same objection as the conical style just spoken of.

No. 5 illustrates what is known as the scoop method. This method is not considered as good as No. 3 or No. 4, but is an improvement over Nos. 1 and 2, provided the center is not too thin.

No. 6 shows the lever or "pancake" method in which the fire is maintained at a uniform depth over the entire grate. Here the passage of air is nearly equal; the cooling effect is the same in all parts of the furnace. The heated gases are more uniform in temperature and a higher efficiency is possible than with any of the other types. The depth of the fire that can be carried in any case must be governed by the draught and by the efficiency of the dampers. When it is possible a damper control should be employed so as to maintain as constant heat as possible.

In firing it is well to coal one side of the furnace at a time. Allow the bright side of the fire to burn down to almost a gray color before coaling. Open only one door at a time if the furnace is provided with double doors. Take a small amount of coal on the scoop and spread it evenly over the area to be coaled. When the opposite half has burned down it should be coaled in like manner.

Two methods of banking fires are often used. In one the bank is made just inside the furnace doors and in the other it is made against the bridge wall. The latter has the advantage that the front part of the grate can be cleaned and clinkers removed before the fire is spread. After the fire is spread the back part can be cleaned by raking the ashes through and jumping the clinkers over the fire.

In conclusion I would say, look out for the waste at the boiler room. Get the best type of boiler; use good but the most economical full measured in results both in temperature and cost of firing, and then fire intelligently. Make the fuel return you seventy per cent of its fuel value in the houses. In order to obtain this, however, the houses must be correctly piped. L. C. C.

RETURNING CONDENSATION.

We read with interest the inquiry, and more particularly the answer by L. C. C. on the above important subject, on page 537 of the Review for January 26, and are rather surprised that a high pressure and an automatic steam-pump is not recommended, because we believe that setting the boiler on a floor the same level as the greenhouse floor, carrying from thirty to fifty pounds pressure on the boiler, using a regulator on the main steam-pipe near the boiler, reducing the pressure on your heating system to one, two or five pounds, according to the weather, and using an automatic steam pump to return condensation is the most economical on fuel, most convenient to manage, labor saving and affording the best control of temperature in the houses. We know of one very large establishment where three acres of glass were heated on the gravity system. A few years ago they erected another three acres and put their battery of three or four large boilers on the same level as the houses and since that the superintendent has done little but cuss the boiler pit of the old gravity system and its extravagance of fuel.

The high pressure system with the reducing valve and automatic pump may be installed in a thousand establishments for all we know, yet we are inclined to think this most satisfactory system is not as generally known and adopted as it deserves. An illustration of how smoothly it works can be seen at the Cottage Gardens, Queens, N. Y., at Peter Crowe's, Utica, N. Y., and at the very large Lakeview Rose Gardens, Jamestown, N.Y.

Briefly, your boiler should be tested to seventy-five pounds cold water pressure; that's enough. Then set your safety valve to blow off at fifty pounds and you are more than safe.

Get a good regulator valve (we have the Mason, manufactured in Boston, cost $45; another good one is made by the Foster Engineering Co., Newark, N. J.), that will reduce the pressure on your system to one pound or what you need. We use two pounds in mild weather and never over five in the severest weather.

The automatic steam-pump will cost, for a place of the size described, about $100. The top of the drum or cylinder into which the condensation falls must be a few inches below the level of the condensation pipe where it leaves the level of the greenhouse floor. It works smoothly, noiselessly, no wear and tear, and is a joy and comfort.

Don't think for a moment that keeping thirty, forty or fifty pounds on your boiler will use more fuel. Those who have an opportunity to compare quantities say the high pressure is a saving of at least twenty-five per cent. We cannot judge of that because we have no other system and would never think of having any other. Steam at a pressure of forty pounds will be hotter and dryer than steam at three or four pounds, and once you have got forty pounds on the boiler it does not take as much fuel to keep it there as sending all you make out through a pipe at low pressure. There is so much to be said in favor of this system that I will "shut off steam" and close by saying that we feel sure that in future there will be few holes dug in the ground for boiler pits to break your necks in descending and labor hard throwing up the ashes. Go and inspect some place where the high pressure, regulator and automatic pump are in use and you will be convinced of its many advantages.

William Scott.

THE OLD-FASHIONED FLUE.

Not many of the younger generation of florists have had experience with the brick flue, because few have been built within the last fifty years, yet many were the beautiful exotic flowers and fruits produced with this primitive method of heating. On page 568 of the Review of January 26, T. F. complains of a flue that does not draw satisfactorily in a house fifty feet, although it has a rise of thirty inches. As your able correspondent, L. C. C., replies, a chimney 120 feet long (this means flue and chimney) would naturally be slow. We suspect that in building this flue the all-important point has been entirely neglected. Within a short distance, say about a foot from the end of the fire bars, the flue should have a quick rise, two feet in three feet, or, better still, three feet in four feet rise. After that the flue can run around to the chimney almost on a dead level, although perhaps a grade of six inches in 100 feet is better than a dead level. Your rise of thirty inches in the 100 feet is of no use, unless you have that quick rise from the fire to the level of the horizontal flue in the house. W. S.



CARE OF YOUNG STOCK.

The care of young stock should now be one of the most important duties and should not in any wise be neglected, as neglect at this season will be reflected in the plant in its whole existence. Repotting should be strictly attended to so that no check may occur by which the young wood may get unduly hardened.

Young Beauties are especially sensitive to checks of this nature and should be potted just as soon as they require it, as if they once get a check of this kind they rarely get entirely over it. To keep them growing and also prevent that rank, soft growth it is safest to use half-inch shifts and pack the soil firmly. As soon as the young roots begin to turn brown it is time to repot, as this is the stage where if they are allowed to stand pot-bound, and especially during hot weather, the foliage soon begins to suffer, the wood to harden and the roots to lose their freshness and, if they ever do recover, much valuable time is lost in building up the plant.

Tea roses also should be repotted after each successive growth and should never be allowed to make two growths in the one size of pot. If the first growth is

strong and healthy the second growth in that shift will be certain to be of a weaker nature and should consequently be avoided.

During potting operations keep the potting shed free from draughts and do not allow the plants to stand around longer than is absolutely necessary, as the tender foliage and wood are very impatient of sudden fluctuations of temperature and draughts. After repotting make certain that the freshly added soil is thoroughly moistened throughout. This is best done by going over the pots with the sprinkler, lightly and frequently instead of giving them a soaking, which is apt to make the soil muddy, a condition which should always be avoided.

It is also important that the material on which the pots are to be placed should be clean, fresh and porous, in order to have good drainage, and for this purpose there is nothing better than screened ashes, which can always be had, and so long as they are fresh few worms will trouble the young plants.

Green fly and spider should never be allowed to get a foothold among young stock, as it is difficult to oust them and the effect of their presence is very weakening.

A temperature of 56 degrees at night, with a day temperature of 65 to 70 degrees with free ventilation, will keep the young stock healthy and stocky and, while the growth may not be very rank, they will be in good condition for May or June planting. RIBES.

AMERICAN ROSE SOCIETY.

The American Rose Society has issued the schedule of premiums offered for the annual meeting to be held at Boston in connection with the spring exhibition of the Massachusetts Horticultural Society. The show opens at noon on Thursday, March 23, and holds over Sunday. The exhibits from a distance are to be sent to J. K. M. L. Farquhar.

The scale of points to be used in judging is as follows:

Points.	Competitive.	Novelties.
Size	15	10
Color	20	20
Stem	20	15
Form	15	15
Substance	15	10
Foliage	15	15
Fragrance	—	5
Distinctiveness	—	10
Totals	100	100

There are thirty-one classes in Division A, each for twenty-five blooms of one variety, in which the first premium is $10 and the second $5, except on Beauties and Queen of Edgely, where the second is $7.

Division B provides the same classes for twelve cut blooms, competition being open to growers having not more than 40,000 feet of glass. Premiums are $5 and $3. Division C provides the same classes, open only to private gardeners and amateurs, with premiums of $5 and $3. Division D provides twenty-three classes for hybrid perpetuals, twelve cut blooms, with premiums of $10 and $5, competition open to all. Division E provides the same classes open only to private gardeners.

Benjamin Dorrance offers a silver cup valued at $100 for the best display of cut blooms of roses, competition open only to growers outside a radius of 150 miles from Boston.

John B. Nugent, Jr., offers premiums for the best undisseminated red rose and the best undisseminated pink rose.



Schizophragma Hydrangeoides.

Alexander Montgomery offers a premium for the best American seedling introduced in or since 1901.

Siebrecht & Sons offer a premium for fifty blooms of Killarney grown within 250 miles of Boston.

John Breitmeyer's Sons offer $100 in three premiums for fifty blooms of La Detroit.

John N. May offers $50 for the best display of roses in a space of fifty square feet.

The executive committee offers a cash prize in addition to the Lord & Burnham trophy for the best fifty blooms of American Beauties, and provides a second premium of $25.

Premiums of $20 and $15 are provided for any variety not mentioned in the schedule.

There are premiums for six blooms of any variety introduced in or since 1901 and a silver cup valued at $25 for the best rose of American origin not yet in commerce.

E. A. Clark offers a silver cup to private gardeners for twenty-five blooms H. P. roses.

There are a silver cup and several liberal cash premiums for displays of roses in pots.

The American Rose Society's gold medal will be awarded to the best new rose not yet disseminated, providing it scores ninety-five points or more. The silver medal will be awarded under the same conditions for a novelty scoring not less than eighty-five points.

Th Massachusetts Horticultural Society and the Boston Gardeners' and Florists' club will co-operate in making this the best exhibition ever held by the American Rose Society. All growers should arrange to participate. Copies of the schedule may be obtained by addressing Wm. J. Stewart, Sec'y, 11 Hamilton Place, Boston.

SCHIZOPHRAGMA HYDRANGEOIDES.

The illustration represents a very fine specimen of this beautiful hardy climber in the grounds of the A. W. Blake estate, Brookline, Mass. Probably this plant is better known as the climbing hydrangea and is frequently called Hydrangea scandens. While supposedly only hardy as far north as New York city, quite a number of excellent specimens are to be met with in Massachusetts.

It is difficult of propagation, although it can be raised from seeds, layers or well ripened cuttings in August. When first planted it usually makes very slow growth, but once it gets established in a suitable exposure it makes surprising headway. For covering walls or trunks of living trees nothing better can be found. Its flowering period is in late June or early July, but even without

flowers its bright green foliage makes it very attractive.

Henry Wild, head gardener on the A. W. Blake estate furnishes the following notes in regard to the specimen figured:

"The schizophragma is, as near as I can learn, some twenty-five years old, or at least it has been planted about that time here. It was for some years growing on an oak, but has done much better since it was planted under an American walnut with a south exposure. It is thirty-four feet in height and flowers freely each year without any special treatment. The soil is a good yellow loam, manured the same as the rest of our lawn, except for an additional top dressing of bone and wood ashes during showery weather in May. It has never had any protection whatever during my stay here, eight years. A few years ago I cut back the leaders in July to get a more bushy growth, and it has flowered more freely since that time. I attribute the free flowering to the fact that the nut tree with us is one of the first to shed its leaves, which gives the summer growth of the hydrangea a much better chance to become well ripened and has, no doubt, a beneficial result in hardening the wood to stand the winter. Our lowest temperature here was 13 degrees below zero in 1904."

Here in North Easton we have a large plant also growing on a nut tree with a cold northern exposure. It had always bloomed freely until last summer, when it produced very few flowers, some of the shoots being also killed back. It, however, made excellent growth during the summer. Last winter was abnormally cold here, on forty occasions the thermometer falling to zero or below, our lowest being 30 degrees below zero. Any plant which will withstand such a winter may fairly be described as reliably hardy.

W. N. Craig.

THE BEST SWEET PEAS.

The majority of the seed lists contain so many varieties of these most popular of all flowering annuals, that to the uninitiated it is a little bewildering to know what to order. We notice that Henry Eckford, the well known English specialist, gives notice in his present season's catalogue that he intends to discard quite a number of sorts next year and that he only lists certain kinds now because some people still ask for them. We hope Mr. Eckford's lead will be generally followed and that lists will be severely pruned another season.

While a large collection is interesting to some private growers, the average trade producer needs one or two sorts only of a few decided colors. For early forcing purposes there are only two reliable sorts, Mont Blanc and Burpee's Earliest of All. For sowing after December almost any sort will succeed. The varieties we will mention are more particularly for outdoor culture and are the results of careful trials each year.

In whites, Mont Blanc is still worthy of being retained as an early bloomer. If restricted to one variety, we would, however, grow Dorothy Eckford, which is a distinct advance on Blanche Burpee. We consider this the finest white yet produced. Burpee's White Wonder is a fine variety. The flowers are considerably smaller than those of Dorothy Eckford, but are carried four to seven on a stem. In primrose or pale yellow shades, Hon. Mrs. E. Kenyon, of a lovely primrose color, is decidedly the best, being larger and better all around than Mrs. Eckford.

In light shades of pink, Countess of Lathom, of a cream tint, shaded with soft flesh pink in the center, is the best, Lovely being its nearest competitor. In deeper shades of pink there is nothing equal to Prima Donna. It will give three and four flowers per stalk, while Katherine Tracy gives but two, and much stronger stalks, too. In the popular orange or salmon pink shades, Miss Wilmott is superior to both Gorgeous and Lady Mary Currie, having larger flowers borne on stronger stems. This color is very popular in all the markets. Under artificial light on a dining table it is superb.

In rose shades, Lord Roseberry and Prince of Wales are both good, the former being rather the better. It has flowers of a rosy carmine color. In scarlets, King Edward VII is easily the leader. It is unfortunate that Scarlet Gem burns so badly, for it comes nearer to a true scarlet than any sort yet introduced. We hope a sun-proof selection from it may be obtained. While King Edward VII is a trifle paler than Salopian, it has larger flowers and much longer and stronger stems.

Lavender blue shades are very popular. Here Lady Grisel Hamilton stands at the top of its color, although many growers still handle Countess of Radnor. Deep blues are not in much request. Navy Blue and Captain of the Blues are the best. In maroon shades, Duke of Sutherland is good. Among the variegated varieties, Blanche Ferry is still far the most popular and seems to be everybody's sweet pea. Mrs. Joseph Chamberlain and Ramona are also desirable.

If restricted to one variety of each decided color we would select: White, Dorothy Eckford; primrose, Hon. Mrs. E. Kenyon; light pink, Countess of Lathom; deep pink, Prima Donna; salmon pink, Miss Wilmott; rose, Lord Roseberry; scarlet, King Edward VII; lavender blue, Lady Grisel Hamilton: deep blue, Navy Blue; maroon, Duke of Sutherland.

Some very promising novelties are being introduced this season. Of these Countess Spencer, with some of its selected seedlings, and Gladys Unwin promise to be desirable acquisitions.

W. N. Craig.

MASSACHUSETTS GARDENERS.

E. A. Clark, Jamaica Plain.

William A. Riggs, on the E. A. Clark estate, Jamaica Plain, is a well known exhibitor at the Boston shows. His chrysanthemums have been especially good. Of these he grows all the newest and best exhibition sorts. A batch of bushy little plants in 5-inch pots on a shelf will develop into exhibition specimens later. Cuttings are already in the sand or potted off, of many to be grown as single stems next season. In carnations Enchantress easily takes the lead. Flamingo will be dropped, proving too shy. Queen as a white will be displaced by White Lawson or Lady Bountiful. Lawson as a dark pink is producing better than Nelson Fisher.

A division of Bride and Maid roses looks very well. One of Beauties was off crop at the time of our visit but had been yielding well. Some extra fine specimens of Begonia Gloire de Lorraine and cyclamens were noted, also extra good plants of Erica melanthera and acacias in variety. Cyclamens were seriously affected by the mite, but a batch of Primula stellata was fine. The grapery had not yet been started. One division is devoted to orchids, mostly cattleyas.

Larz Anderson, Jamaica Plain.

One of the finest of the new places near Boston is that of Larz Anderson, Jamaica Plain, where Duncan Finlayson presides. There has been no stint of money in laying out this seventy-five-acre estate. The Italian garden is probably the finest in America and from spring to fall contains a succession of beautiful floral effects. The greenhouses are quite numerous and were built by the Lord & Burnham Co. three years ago. The rose divisions are devoted to Brides and Maids, with some Morgan and Mrs. Oliver Ames on the front benches.

In carnations, Fair Maid is found the most prolific of all. Queen will be dropped for White Lawson, which is well liked. Lawson still does well, although a fair percentage of burst flowers are seen. Flamingo is not free enough to be worth retaining.

A fine lot of Gardenia florida free from the "yellows" were flowering freely when I saw them. Azaleas, Primula obconica, cyclamens and other plants are grown in quantity. Lilium candidum is well liked and largely grown.

A nice collection of orchids is already secured. Some fine Dendrobium Wardianum were in bloom and some extra good Dendrobium nobile would soon succeed them. Cœlogynes and Cattleya Trianæ were also in season. Three divisions are devoted to grapes and one to nectarines. A large and finely built pit is used for storing bay trees, Irish yews and other evergreens used in the Italian garden. Another pit is used for azaleas and bulbous stock. Numerous cold frames are filled with violets, daisies and other spring flowering stock for the Italian garden. Mr. Finlayson is a first-class practitioner and has everything in fine shape.

Joseph H. White, Brookline.

Brookline, the wealthiest town in America and a suburb of Boston, is thickly dotted with fine private estates. One of the most interesting is that of Joseph H. White, where James Wheeler has charge. The principal range of houses here is a little over 300 feet in length, there being other smaller houses. A fine, roomy palm house contains a collection of clean and well-grown specimens. In roses, Bride, Maid and Wootton are handled. These were clean and vigorous. Enchantress loomed over all others in the carnation house. Flamingo and Nelson Fisher are not free enough. Mrs. Patten looked well and showed several distinct sports. In the violet house a small batch of a distinct new variety was noted. It is more free flowering than Princess of Wales, with stronger stems and rounder flowers. The foliage is more prostrate and hairy than in Princess. This variety will be grown in quantity next season. Divisions devoted to peaches and grapes were still dormant.

W. N. Craig.

As long as I remain in the business I must have the Review; it is the best paper for the trade.—S. B. Ritter, Port Royal, S. C.

PRONOUNCING DICTIONARY.

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Frequent inquiry as to the correct pronunciation of plant names has led us to compile the following list of names, selecting those in most common use in the trade, and including botanical terms most frequently met with in articles upon plant culture.

In our list we have used the following

KEY TO PRONUNCIATION.

a as in fat	e as in met	ō as in note
ā as in fate	ē as in mete	ö as in move
ä as in far	ė as in her	ô as in nor
â as in fall	i as in pin	u as in tub
ã as in fare	ī as in pine	ū as in mute
å as in Persia	o as in not	ů as in pull

The syllables to be accented are marked thus ′.

(CONTINUED FROM LAST WEEK.)

S

Sabal—(sā′bal).
Saccolabium—(sak-ō-lā′bi-um).
Sagittaria—(saj-i-tā′ri-a).
Sagittate—(saj′i-tāt).
Salisburia—(sal-is-bū′ri-å).
Salix—(sā′liks).
Salpiglossis—(sal-pi-glos′is).
Salvia—(sal′vi-å).
Sambucus—(sam-bū′kus).
Sandersoni—(san-der-sō′nī).
Sanguineum—(san-gwin′e-um)
Sansevieria—(san-sev-i-ē′ri-a).
Santolina—(san-tō-lī′nå).
Sarcodes—(sär-kō′dēz).
Sarmentosa—(sär-men-tō′så).
Sarracenia—(sar-a-sē′ni-å).
Sativa—(sat-ī′vå).
Saxatile—(sak′sa-til).
Saxifraga—(sak-sif′rā-gå)
Saxifrage—(sak′si-frāj).
Scaber—(skā′ber).
Scabiosa—(skā-bi-ō′så).
Scabra—(skab′rå).
Scandens—(skan′denz).
Scape—(skāp).
Scherzerianum—(shert-ser-i-ā′num).
Schinus—(skī′nus).
Schizanthus—(skī-zan′thus).
Schomburgkia—(shom-ber′ki-å).
Sciadopitys—(sī-a-dop′i-tis).
Scilla—(sil′å).
Scion—(sī′on).
Scirpus—(ser′pus).
Scolopendrium—(skol-ō-pen′dri-um)
Scoparia—(skō-pā′ri-å).
Scutum—(skū′tum).
Seaforthia—(sē-fôr′thi-å).
Secunda—(sē-kun′då).
Sedum—(sē′dum).
Selaginella—(sē-laj-i-nel′å).
Semperflorens—(sem-per-flō′renz).
Sempervivum—(sem-per-vī′vum).
Senecio—(sē-nē′si-ō).
Sepal—(sep′al).
Sequoia—(sē-kwoi′å).
Serrata—(ser-ā′tå).
Serrulate—(ser′ō-lāt).
Sesquipedale—(ses-kwi-pē-dā′li).
Sessile—(ses′il).
Silene—(sī-lē′nē).
Sinensis—(sin-en′sis).
Sisyrinchium—(sis-i-ring′ki-um).
Skimmia—(skim′i-å).
Smilax—(smī′laks).
Socotrana—(sok-ō-trā′nå).
Solanum—(sō-lā′num).
Solidago—(sol-i-dā′gō).
Sori—(sō′rī).
Sorus—(sō′rus).
Souvenir—(sō-ve-nēr′).
Spadices—(spā-dī′sez).
Spadix—(spā′diks).
Sparaxis—(spā-rak′sis).
Spathe—(spāth) (th as in the).
Species—(spē′shēz).
Speciosa—(spes-i-ō′så).

(To be continued.)

PHILADELPHIA.

The Market.

Business is very brisk, with sufficient demand for nearly all the good flowers coming into town. Shipping orders are an important feature, certain lines of choice stock being very scarce at times. Spring flowers are increasing in quantity and variety. Double daffodils and fancy freesias are plentiful. The Leo Niessen Co. has a novelty in acacias sold in bunches of a certain size irrespective of the number of flowers.

Great preparations are being made for St. Valentine's day. Both Pennock and Niessen will have blue forget-me-nots and the latter pansies, while violets bid fair to be very fine and plentiful at all the wholesale houses.

Wyndmoor.

There have been many changes during the past two years at John Burton's, marking progress in the developing of the business. The number of roses planted in ground beds is steadily increasing and will continue to increase, Alfred Burton says, till only enough bench room is left for propagating and growing the young stock.

It is worthy of note that the propagating plans are so extensive as to preclude the probability of carrying over many old plants. The new Lord & Burnham range, three old houses turned into one covering 56x130, with iron gutters between the ridges is planted entirely with Beauties in solid beds. They have done good work. The planting of Liberty has been largely increased. Among the other roses noticed were Bride, Maid, Gate, Bon Silene and Safrano. The two latter are rarely seen now. The east ends of the houses are now protected by a covered way stretching nearly from one shed to the other and a new office has been added. Mr. Burton no longer believes in setting the sash bars twenty-four inches apart, the weight of recent snows having broken some of the glass set in this way, while the glass set the 16-inch way held.

The plans for rebuilding the Lonsdale place include running the houses a little south of east and north of west with the idea of securing an hour more of sunshine in the winter months. This will bring the western end of the houses seventy-five feet farther from Willowgrove avenue than the eastern end. John Burton is a man who has the reputation of doing everything well and it is always a pleasure to visit him and his place.

Various Notes.

Wm. J. Muth states that the Philadelphia Cut Flower Company's business has shown a most gratifying increase over last season, both in December and in January. Mr. Muth has been getting some very fine Brides and Maids, also Enchantress and Vesper carnations with which he is most pleased. He is experimenting with individual tags wired on the pot labels by which each consignor's stock is kept separate and checked as sold. This is in opposition to the grading system, where all consignors share and share alike on the sales of each grade in proportion to their contribution to that grade. A very useful, natural cold storage plant holds the galax leaves, hardy ferns, etc., until spring.

Appleton & Burrell, builders, have taken out a permit and begun work on M. Rice & Co.'s new fire-proof building at 1220 Race street. The architects are Frank Miles Day & Bro., who designed Horticultural Hall. The work is to be completed by May 15.

S. E. Lukens, of Burlington, N. J., is sending 500 of his long-stemmed pure white freesia to the Leo Niessen Co. daily.

Charles E. Meehan, whose clever manipulation of the holiday Beauty market won the admiration of bears and bulls alike, naively states that he prefers selling gardenias to Beauties because they don't stick your fingers and you can get more in a box!

Edward Reid is again in the lead with sweet peas, no less an authority than A. B. Cartledge declaring the stock sent him this week was the finest he had ever seen.

Mr. Hunter, buyer for J. H. Small & Sons, Washington, D. C., was a visitor in this city recently.

Joseph Black's Sons & Co., Hightstown, N. J., sent a very fine white seedling carnation to the Flower Market this week. It is a cross between Enchantress and Hill, large, full double and fragrant, with long, stiff stem.

Edward A. Stroud, of Overbrook, is sending double scarlet tulips, which appear to be Lamatador to S. S. Pennock.

Carl Jurgens, of Newport, R. I., continues to send great quantities of bulbous stock to the Leo Niessen Co. Golden Spur daffodils are a specialty now.

M. Rice & Co. are offering unique lanterns in all shades, for use over electric lights, giving the appearance of ye old time street lamps for store, hall or house decorations and in connection with folding screens making a beautiful effect.

Edward Reid spent two or three days in the south last week.

In answer to Question No. 27, published last week, G. C. W. writes: "G. C. W. started the discussion on fakirs because he is chairman of the committee whose duty it is to start discussions and, furthermore, he was requested to do so by John Jones. Isn't that understandable! Phil is perverse, I think." It is unusual to propose doing what one does not wish done. I believe this has ceased to be a live issue in this city.

PHIL.

ST. LOUIS.

The Market.

The weather of the past week, which was very cold, had a bad effect on the retail trade throughout the city and there is very little doing except funeral work. Transient trade during the cold days was out of the question with the down-town establishments. Among the up-town florists a few small decorations were reported. Thursday of last week was ground hog day and, as the sun shone brightly, the growers will have to content themselves while shoveling coal for six weeks longer. The wholesaler also had to suffer during the cold weather. Some shipments came in frozen and a total loss to the consignor.

In roses fancy stock is scarce, especially in Brides and Maids. The second and third grades are more plentiful. Carnations, too, are not over-plentiful and all kinds of stock is selling fairly well. Lawson, Enchantress, Wolcott and Estelle are among the fancies that sell best. Good scarlets seem very scarce of late. All whites sell well. Violets have

been quite plentiful, with the demand only fair. Best Californias sold as low as $2.50 per thousand. Southern stock is looked for soon, which will cut into the value of home-grown stock. Romans, Paper Whites and lily of the valley are in over-supply. Von Sions, freesias, tulips and Dutch hyacinths are coming in, but are not as yet too many. Harrisii and callas make up the collection in this stock. The cut of smilax has been quite heavy of late, with some demand. In other greens everything is plentiful.

Various Notes.

All of the St. Louis Florists' Club's delegation who attended the meeting of the American Carnation Society at Chicago last week are home and loud in their praise of the show and the treatment they received in the hands of the Chicago boys.

The committee on revising the constitution and by-laws of the St. Louis Florists' Club met Thursday afternoon at the Missouri Athletic Club rooms. The committee is composed of Otto Koenig, Emil Schray and Fred H. Meinhardt. Their report will be read for this week's meeting of the club.

Edward Buechel, manager of the Riessen Floral Co., who broke his leg in two places just before the holidays, is progressing nicely but it will be March 15 before he will be able to resume his place.

C. Young & Sons Co. are making preparations for a busy spring business. James Young, who is in charge of the down-town store, reports the trade has been good with them in seeds and bulbs, also in the cut flower department.

William Borche, the landscape gardener, is busy making plans for laying out two large tracts of land for the Park View Realty Co. and Richmond Heights Realty Co., which are just north of the World's Fair grounds.

C. DeWever, who has charge of the conservatory of the Lewis Publishing Co. in the extreme western part of the city, has all his plants in fine shape. It is reported that the company will make a few new additions to Mr. DeWever's department this spring.

It was reported that the Growers' Club, which is about to organize, would exclude wholesalers and retailers. This may have been incorrect, as we hear of one wholesaler and a number of retailers, also ex-members of the local Florists' Club, who were present at its informal meeting last month. The second meeting will be held Thursday night, February 9, at 8 o'clock.

Visitors: J. H. Creighton, representing Henry A. Dreer, Philadelphia; Joseph Rolker, New York. J. J. B.

CHICAGO.

The Market.

Zero weather is never conducive to good business in the wholesale cut flower market and during the past week we have had temperatures ranging to 14 degrees below; Tuesday was the only mild day. The result has been that local trade has been practically paralyzed. Those retailers who depend upon transient business have been doing nothing at all for a week and the demand has been solely from those who do a telephone trade, and even they have not been active. Shipping business continues fair, but also influenced by the severe weather. Very heavy packing has been necessary to make stock travel safely.

The Beauty crops are passing off and prices have stiffened materially. On the other hand, the tea roses are at length coming into crop after a period of suspended growth due largely to the cold, dark weather. If we were to have a week of good bright weather we should have an inundation of Brides, Maids and Chatenay which would tax the resources of the market. Practically everyone's houses went off crop about holiday time and have been slowly gathering headway for a big production as soon as the weather turns favorable. Prices have weakened a trifle with the slack demand this week.

The receipts of carnations have increased in the last few days and this, coupled with the decrease in demand, has had the result of making prices very weak on colored stock; whites are doing better and, indeed, are sometimes not to be had because the call is largely for funeral flowers. The receipts of violets are not so heavy but returns show little improvement. Harrisii lilies are not abundant but there are callas for all requirements. Paper Whites and Romans are not now conspicuous but there are plenty of jonquils and daffodils. Tulips are beginning to assume something like good quality. The best seller is La Reine but good reds do nicely. A good many of the retail stores are handling tulips in pans and find them good sellers as dinner table centerpieces and the prices at which the cut stock can be had is detracting from the value of other flowers.

Reinberg's Season's Building.

Peter Reinberg has within the last few days acquired five acres of land on Foster avenue from Mrs. A. M. Schafer. The property is vacant at present but it won't be long. Mr. Reinberg has not yet decided whether he will cover it all this season or leave a part for next year. He had planned to build five 500-foot houses at "the farm," a piece of land a couple of miles away that he acquired a year or two ago, but this is now given up.

In addition to building a good-sized range Mr. Reinberg proposes to rebuild about a dozen houses which are not old but which have wooden gutters, which waste space.

Use More Papers.

The E. F. Winterson Co. voices a very general report in the following words: "Numerous eastern shipments of violets and other stock have arrived in Chicago during the past few days in a badly frozen condition. This was largely owing to the fact that packages were insufficiently wrapped and, if we may suggest it, it might be a good thing for you to publish this fact, with a caution to shippers to take more pains with regard to wrapping packages better for western shipment during the balance of the winter season."

Various Notes.

George Theilman, whose place on Division street is one of the oldest stands in the city, died on Saturday at the home of his mother in California, where he had been for several months. He had been in poor health for a long time, though very robust in appearance and when he left home was suffering from a disease of the throat which rendered him speechless and finally caused his death. He was about 42 years of age and leaves a widow and five children. Mrs. Theilman has been active in the store for years and will continue the business. There are also two brothers in the trade in Brooklyn.

Fire destroyed the greenhouses of Philip and Charles Schmitt, in Rogers Park, on February 4. The fire occurred before daylight and two employes sleeping above the boiler room had narrow escapes. The loss was from $5,000 to $8,000.

The Kennicott Bros. Co. report having received their second carlot of wild smilax, with the third car on the way. This is the first season they have handled this specialty in quantity and are well pleased with the volume of business.

The George Wittbold Co. has a Bundy steam-trap which they say gives very good satisfaction in returning the condensation. Most florists use the Morehead and Wittbold's also have this trap giving excellent service. The Bundy is made by the Griffing Iron Co., Jersey City, N. J.

Wietor Bros. have several houses of Beauties which have been dried off and have just been started up from which they expect to get the stock which will enable them to repeat their successes of the past two summers.

The last of the carnation conventionists to depart was C. W. Ward, who remained in this vicinity till Saturday. He will be here again at the time the American Peony Society meets, in June.

There are good reports of the condition of stock at Fritz Bahr's at Highland Park, especially Lawson carnations and plants of cyclamen and primula.

The Benthey-Coatsworth Co. has sent out seed of its new aster on orders received from England, so far has its fame and its advertising extended.

Word has reached this market that the Lutey Floral Co., Houghton, Mich., is in financial difficulties with liabilities of $13,000. They were large buyers here at one time.

There was a meeting Monday at which an effort was made to reconcile the objecting creditors to the proposed plan for continuing the business of M. Winandy.

Adam Zender is planning to build in the spring four more rose houses which will average 25x200.

Fred Sperry, of Vaughan & Sperry, has been on the sick list again this week.

C. M. Dickinson, at Hunt's, is more than busy with the annual catalogue.

Fire did some damage in John Mangel's store February 1. The principal loss was on stock frozen.

Ground hog day was bright and fair with the temperature 20 degrees below zero at Bassett & Washburn's.

V. Siegel, manager of the Columbia Gardens, Butte, Mont., is in town buying stock.

The club will hold an important meeting to-night.

Cards have been received announcing the marriage of Miss Elizabeth Grant, daughter of Mr. and Mrs. G. L. Grant, and Mr. James E. Olive, January 29, at the home of the bride's parents, Overlook, Soquel, Calif.

PAWTUCKET, R. I.—James Hockey has been in poor health lately, but is getting into good shape again. He reports business good.

ON FEBRUARY 14 YOU WILL NEED MANY

Violets for Valentines

We can supply the fancy, double, dark blue Hudson River stock in quantity. Also home-grown Singles of best quality. Let us have your orders.

ALL CUT FLOWERS IN SEASON.

....FANCY VALLEY ALWAYS ON HAND....

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones { 1978 and 1977 Central. 7846 Automatic

AMERICAN BEAUTY,	Per doz.
30-36-inch stem	$4.00 to $5.00
24-inch stem	3.00
20-inch stem	2.50
15-inch stem	2.00
12-inch stem	1.50
Short stem	.75 to 1.00
	Per 100
Brides	$6.00 to $12.00
Bridesmaids	6.00 to 12.00
Meteor	6.00 to 12.00
Golden Gate	6.00 to 12.00
Chatenay	6.00 to 12.00
Carnations	2.00 to 3.00
" large and fancy	4.00 to 5.00
Violets	.60 to 1.00
Valley	2.00 to 4.00
Callas per doz., $1.50	
Paper Whites, Romans	3.00
Tulips	3.00 to 4.00
Jonquils, Daffodils	4.00
Sweet Peas	1.50
Mignonettes	.50 to .75
Asparagus, per string, 35c to 50c	
Asparagus Sprengeri	3.00 to 5.00
Ferns per 1000, $2.00	.25
Galax per 1000, $1.25	.15
Leucothoe	.75
Adiantum	1.00 to $1.25
Smilax per doz., $1.50 to $2.00	10.00
Wild Smilax, 25 lb. cases	3.00
" " 35 lb. cases	4.00
" " 50 lb. cases	5.00

Subject to change without notice.

Mention The Review when you write.

BOSTON.

The Market.

Weather conditions have been against a good market for some days past. While we are not having such abnormally low temperatures as a year ago, zero temperatures have been common and readings much lower in many nearby towns. The ground hog came out of his hole on February 2, shivered in the hard frozen snow for a short time and, seeing his shadow, sneaked back into his hole again. This means six weeks additional winter, so coal piles are likely to be materially reduced ere the gladsome springtime comes.

The severe weather has frozen out the fakirs nearly altogether and much reduced purchases from storekeepers. As a consequence flowers have not sold so well as could be wished. Roses continue in short supply and prices remain about the same. Select carnations have averaged $3 per hundred, more selling below than above this figure. Violets are somewhat lower. Best stock has gone for 50 cents to 60 cents, poorer grades selling at 300 for $1. Double and single yellow narcissi are quite abundant and a good many Narcissus poeticus ornatus are coming in. Lily of the valley has only sold moderately well, although of fine quality. Callas and Lilium Harrisii are rather scarce. Green stuff remains about the same.

Horticultural Society.

At a meeting of the board of directors of the Massachusetts Horticultural Society on February 4 ten new members were elected. It was voted to hold a public demonstration of methods for fighting the brown tail moth in April within the Boston limits.

Prof. John Craig, of Ithaca, N. Y., gave a splendid lecture before the society on February 4 on "Findings of an Orchard Survey in Western New York." There was a large audience who thoroughly appreciated the lecture and enjoyed the numerous stereopticon views.

Alexander Ogg, gardener to Mrs. J. M. Sears, showed flowers of some very fine seedling amaryllis on February 4. A plant of one of Veitch's new varieties was unfortunately frozen in transit. Mr. Ogg also showed a nice lot of Gardenia florida.

The main exhibition hall will be used for the exhibition on February 11. Carnations will be shown in large quantities and quite a number of the novelties will be seen.

The garden committee held a meeting February 4 and laid plans for the work during the present year. Prizes are this year offered for best estate of not less than three acres, of between one and three acres (latter must be in Massachusetts) house of chrysanthemums in pots, house of chrysanthemums for specimen blooms, herbaceous garden, peony garden, house of cucumbers, house of lettuce and vegetable garden. Entries for visits should be made to W. P. Rich, the secretary of the society. Schedules of all prizes offered for 1905 may be had on application to the secretary. They include also the prizes offered by the American Rose Society.

Various Notes.

The next meeting of the Gardeners' and Florists' Club will occur on February 21. The lecturer will probably be W. W. Rawson, of Arlington, and his subject "Vegetable Culture Under Glass for Market."

William Nicholson and Allen Peirce, who returned from their peregrinations following the carnation convention the past week, are enthusiastic over the Chicago meeting, which they pronounce the greatest ever. They visited Joliet, Richmond, LaFayette, Cincinnati and other points on their way home. Witterstaetter's seedlings quite took their fancy and they could hardly find adjectives strong enough to express their admiration for the Richmond rose.

G. R. Comley, the Bedford florist, had the misfortune to lose his dwelling by fire on January 29, it being totally destroyed. His greenhouses happily escaped injury.

Newtonville greenhouses are shipping some grand Bride and Bridesmaid roses to the Park street market.

Recent victims of the prevailing epidemic include William Thatcher and William Anderson, of Anderson & Williams.

Donald Carmichael's new cerise colored carnation seedling continues to attract much favorable comment at the new market.

A delegation from the new market made a tour of the Framingham carnation establishments the past week. The party included Messrs. Carmichael, Ayer, Foote, Barr, R. Montgomery and Roper.

Peirce & Sons are forwarding extra fine Prosperity and Enchantress carnations to Park street market.

Hoffman had an effective window at his Massachusetts avenue store the past week. A large bank of Enchantress carnations filled the center, with well grown lilacs and azaleas at the sides.

Axel Bjorn, who has been operating a flower store on Tremont street for some time, left Boston on February 6 to take charge of the orchid collection of Dr. J. F. Shaffer, Pittsburg, Pa.

Oakes Ames leaves on February 10 for a botanical trip to Cuba, where he will remain some weeks.

Many of our nearby towns and cities continue to take energetic measures for the suppression of the brown tail moth plague. The city of Salem paid a bounty on 375,000 nests destroyed last year, containing some 12,000,000 caterpillars.

Henry W. Iolenberger, for the past six years orchid grower on the estate of Mrs. J. L. Gardner, in Brookline, leaves March 1 to take charge of the new estate of N. W. Harris, the well known banker, at Lake Geneva, Wis.

John McFarland, of North Easton, is shipping 4,000 extra fine valley each week to the new market. N. F. Comley has a fine assortment of tulips at the same stand.

A. A. Eaton is in Florida collecting native orchids for Oakes Ames, of North Easton. He may go to Colombia a little later.

Several fine new private estates in this vicinity will be added to the existing number at an early date. One of the finest will be in North Easton, where F. L. Ames has just purchased a block of

WHITE LAWSON

Which we introduced last season has given great satisfaction, and has proved to be

THE FINEST WHITE CARNATION EVER SENT OUT

Remember that we are headquarters for it. The demand will undoubtedly exceed the supply this season, and in order to secure early delivery, no time should be lost in placing order. We are now booking orders for early January delivery. Orders will be filled strictly in rotation, as received, so the earlier orders are booked, the earlier deliveries can be made. We can supply

First-class strong rooted cuttings, $7.00 per 100; $60.00 per 1000.

Also all the other novelties of the season, **FIANCEE, CARDINAL, FRED BURKI, etc.**

Also the cream of the older sorts, **Mrs. M. A. Patten, Daheim, Enchantress, Flamingo, Mrs. Thos. W. Lawson, etc.**

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

over 500 acres. Landscape work will start as soon as frost permits.

S. J. Goddard finds Lady Bountiful and White Lawson excellent carnations. Speaking of the complaints from some sources of the latter not being pure white in winter, he says it will come so if left to develop sufficiently long.

It is with much regret we hear of the commitment to the State Insane Asylum of A. F. Belcher, the well known florist of Foxboro, who has done a flourishing business in that town for many years. During the past year Mr. Belcher was anxious to dispose of his business in order to be free from its cares. It was at his own request that he was removed to the asylum for treatment. We sincerely trust he may soon be restored to his former health. His place, which is an old established one, is for sale.

W. N. Craig.

NEW YORK.

The Market.

We had a taste of Chicago weather all through the week, the thermometer hugging zero until Sunday night, then came more of "the beautiful," ending Monday morning with a downpour of rain and streets the slushiest you ever saw in the heart of winter. Tomorrow it will be on its way to zero again. The vagaries of the New York climate cannot be expressed in English.

Saturday saw a change in prices for the better, especially in Beauties. The finest of these touched the dollar mark and the few of this grade arriving were well worth the figure. The supply is far below the demand. Everything else except roses seems to be abundant and concessions have to be made often to make room for the abnormal shipments of carnations and violets. The latter seem to have lost prestige sadly this year and there seems little hope of a revival. The very finest specials seldom go above 75 cents and ordinary stock goes slowly at times at 25 cents per hundred. Not much enjoyment in this for those enterprising Rhinebeckers who have the building craze again developing. Carnations and valley are very abundant. The stock is of the finest, but the prices are on the dumps and some of the stock gets there, too. There is no let-up to the avalanche of tulips and narcissi. Perhaps the street merchants will lift the shadows. They will if the warm spell continues. Once upon a time these gentry were a menace. Now they are a relief system for congested markets and an acknowledged necessity.

The big balls are still to come. The intervening days before Lent are crowded with enjoyments. Dinners, receptions and decorations come now with creditable rapidity and with better weather there ought to be good picking for everybody until March 8. Then lentils and sackcloth and sadness. But Easter is already in the air. Six or seven weeks soon fly past and the consummation of the season's patient endurance comes with reward for all. This ought to be the greatest Easter the trade has ever seen.

The Club Dinner.

The annual dinner of the New York Florists' Club at the St. Denis Hotel on Saturday evening was a great success. Nearly seventy were present and everybody had a delightful evening. The table decorations included the finest orchids, roses and carnations and the generous donors deserve the sincerest thanks of the club. The proceedings were entirely informal, Tommy Baker and his vaudevillians providing a constant entertainment in song, music and story telling that kept things moving every moment until midnight. President Traendly was handicapped by a bad cold, which made his voice almost inaudible at the close of his address. Toast-master Walter Sheridan read a telegram from the west that demonstrated a movement there in behalf of Mr. Traendly for the office of president of the S. A. F., which created a demonstration like President Roosevelt's in volume and enthusiasm.

The other officers of the club spoke briefly and Messers. Esler, Burns, Stewart, Wallace, Totty and O'Mara in speech, song and story "seen their duty and done it well." The popular songs introduced by Tommy Baker were used for chorus effect by the diners with telling gusto. The menu was voted the real thing and did credit to the dinner committee, Messrs. Sheridan, Haffner and Weathered.

With the Growers.

A brief call at Guttman's rose growing plant at Summit, N. J., last week revealed many improvements, a fine growth of Maids and Brides and every indication of a prosperous and advancing business. Mr. Weber, of Whitestone, was a visitor and afterwards attended the Orange dinner, as did Robert Berry, the old time gardener, now on the staff of Fred Kelsey, the nurseryman.

A call at John N. May's found that gentleman slowly convalescing from a severe illness. By the courtesy of Harry May I enjoyed a hurried trip through the immense establishment, where 125,000 square feet are devoted almost entirely to roses and carnations. Everything under his management is in perfect order and betokens practical skill and experience. The Bride carnation here reigns queen in its own home and a large space is devoted to it. It is a pure white of remarkable bearing quality and exquisite perfume. The MacArthur rose is at its best and great quantities are being propagated. A house is devoted to La Detroit. Bon Silene is cultivated here and there is never enough of it for the New York demands. The whole plant gives evidence of competent management.

A brief visit to Ferd. Boulon, of Sea Cliff, L. I., this week was most interesting. Mr. Boulon has been for over fifty years, in France and this country, in the nursery and florist business. He has fourteen acres in the heart of the town and has lived here during the past twenty years. His growing of single violets is far the largest on Long Island. About 20,000 square feet of glass make up the floral section. He has a pink sport from Lawson which has all the best characteristics of its parent and will be exhibited at the next club meeting. Like all French horticulturists, he is an enthusiast and in love with his business. He bears his sixty-five years well. So much for living close to nature's heart. He has lately added to his home and office facilities, installing electric lighting and otherwise modernizing his property.

FANCY WHITE LILAC, $1.50 per doz.

The crop which is now ready we think is large enough to supply all orders and the quality is the best of the season.

FANCY LILY OF THE VALLEY--Long stems, large bells, strictly fancy stock, $4.00 per 100. Plenty good Valley at $3.00 per 100.

LA REINE TULIPS--Long stems, plenty of color, the best the market affords, $4.00 per 100; also plenty of fancy stock in all varieties. Short tulips, $2.00 and $3.00 per 100.

HUDSON RIVER VIOLETS--We never had anyone deny the fact that **OUR** violets are the largest, sweetest and best in Chicago.

FANCY MIGNONETTE--$6.00 to $10.00 per 100.

CARNATIONS--A fine assortment of extra well grown stock and many fancy varieties.

ROSES--Extra fine, especially in Brides and Maids. A full line of Cut Flowers. If you do not receive our price list we should like to send it to you.

A. L. RANDALL CO.

WHOLESALE FLORISTS

21 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

With a zero temperature without, a visit to the warm tropical orchid establishment of Lager & Hurrell, of Summit, N. J., was especially enjoyable on Friday last and a study of the unique stock of orchids in numberless varieties of great interest. The firm has now three houses 25x150 feet, one house 25x200 feet and one house 20x100 feet and plans are out for another large house 27x150 feet to accommodate large quantities of imported orchids expected this spring. No waste room here, and as much is grown suspended from the roof as on benches. The imported orchids now on hand include a lot of Cattleya Mendelii, lælias and oncidiums. The flowering season of Cattleya Trianæ and C. Percivaliana is nearly over and there will be a shortage of cattleyas in the immediate future and for about six weeks. The next variety to come in bloom will be the chaste Cattleya Schrœderæ, others following, such as C. Gaskelliana, C. Mossiæ and C. gigas. A few of the gorgeous C. Dowiana are still in bloom. Of white orchids there are quite a few, notably Phalænopsis amabilis, Dendrobium formosum and some Lælia anceps alba. Large quantities of mixed orchids are grown for cut flowers, some of which are dendrobiums in many varieties, Cattleya Skinneri, oncidiums in variety, fancy cypripediums and many more. Of the list mentioned there are now in flower the following: Cypripedium Mastersii, C. Sallieri pictum, C. Barbato-Mastersii, C. Curtisii purpuratum, C. Bragaianum, C. calypso Oakwood variety, C. Vernixium, etc.

Various Notes.

The carnation night of the Florists' Club next Monday will bring out a great attendance of visitors and ladies and the exhibits already assured are of rare interest. Some of the greatest novelties of the carnation family will be on hand. Mr. Nugent has a fine surprise up his sleeve in the appetizer line and the entertainment in speech and dance and Scottish melodies will make the evening long to be remembered. The Bowling Club will hold a special meeting and bowl at the club's alleys at 3 o'clock. Dates will be set for the matches with Hoboken and Madison.

Arthur Herrington, of Madison, was prevented from bowling with his club and from attending the Orange and New York club dinners by a severe congestion of the lungs. He is out of danger and will soon be himself again.

J. Seligman and G. Trippel have formed a partnership in the wholesale line, with headquarters at 56 West Twenty-sixth street.

John A. Foley, with N. LeCakes & Co., and manager of the cut flower department, was married January 22 to Miss Butternail, of Newark, N. J. Mr. Foley is a favorite on Twenty-eighth street and the boys have been busy for a week congratulating him.

The New Jersey Floricultural Society held its tenth annual dinner last Friday evening at Orange. Many visitors from New York and other towns were present.

A delegation from the club's outing committee visited Glenwood on the sound last Sunday and its members were unanimous in their admiration of the resort as an ideal place for the annual holiday in June.

Cedar Court, illustrated in the REVIEW a few weeks ago, was damaged by fire to a serious extent last week, half a million dollars being lost and the magnificent mansion, with its priceless contents, badly damaged. James Fraser is the superintendent on the estate.

W. Elliott & Sons will move May 1 to a new location, 201 Fulton street, where they will occupy the whole building. This is their first move in a generation. The second and third floors will be devoted to the auction business. The stand is a good one and the lease long.

In our last week's notes the name Mrs. Fenrich was erroneously used for Mrs. Leikens. There is no Mrs. Fenrich yet and when it happens "the reliable house" will take good care of her.

Albert W. Wadley, son of Albert Wadley, of Wadley & Smythe, has bought seventy-five acres of fine land at Broad Brook, N. J., on the Raritan river, which he will use for nursery purposes, moving his family there in March and making it his permanent home. The section is one of the best for his projected enterprise in Jersey. Mr. Wadley has been in the florists' business with Wadley & Smythe for many years.

Bowling.

The following is the score made by the bowlers February 6:

Player.	1st	2d	3d	4th	5th
Lang	168	142	...	...	...
Hart	99	122	...	...	...
Fenrich	136	162	133	187	...
Siebrecht	114	145	195	144	140
Burns	129	143	151	114	140
Holt	149	110	135	124	117
Shaw	133	131	158	125	127
Guttman	112	144	170	160	105
Hernandez	124	147	163	137	146

J. AUSTIN SHAW.

CAPACITY OF BOILER.

I have a tubular boiler ten feet long and forty-two inches in diameter, containing thirty-four 3-inch flues. How many horse-power is it? What size of fire box ought it to have?

M. E. G.

Your boiler would be rated as twenty-five horse-power. To successfully fire it with hard coal it should have a grate area of nine square feet; for soft coal the area of the grate can be reduced about one-third. I would advise making the fire box at least three and one-half feet in length and build it flaring from the grate upward, so as to accommodate the boiler. This will then make a fire box about two feet eight inches by three feet six inches, which will be a good size for small anthracite, such as pea or buckwheat, and if it gives too much draught with soft coal a grate bar can be removed at each side and the space temporarily filled with brick, or a line of bricks may be placed along the side walls of the fire box on top of the grate bars and in this way reduce the grate area.

L. C. C.

WASHINGTON, PA.—The officers of the Washington Floral Co., for 1905 are: President, J. M. Dickson; treasurer, W. J. Warrick; secretary, Ella Culbertson.

We Produce First Grade Stock in Such Great Quantities that

WE CAN FILL SHIPPING ORDERS

FOR SELECT STOCK AT ANY TIME.

AMERICAN BEAUTY—			Bridesmaid	per 100,	$6.00 to 12.00
Extra long stem	per doz.,	$5.00 to $6.00	Bride	"	6.00 to 12.00
30-inch stem	"	4.00	Golden Gate	"	6.00 to 12.00
24-inch stem	"	3 00	Chatenay	"	6.00 to 12.00
20-inch stem	"	2.50	Liberty	"	6.00 to 12.00
15-inch stem	"	2 00	Meteor	"	6.00 to 10.00
12-inch stem	"	1.50	Carnations, good	"	2.00 to 3.00
8-inch stem	"	1.00	" fancy	"	4.00

All other stock at lowest market rates—No charge for packing. Prices subject to change without notice.

WIETOR BROS. 51 Wabash Avenue CHICAGO.

Mention The Review when you write.

BREEDERS' CONVENTION.

The American Breeders' Association held a very enthusiastic meeting at Champaign, Ill., on February 1 and 2. All the large live stock interests were represented and many agricultural organizations, the corn breeders being particularly well in evidence. The florists' industry was represented by C. W. Ward, of Queens, L. I., who delivered his illustrated address on the hybridization of the carnation. Luther Burbank sent a paper, and so did H. H. Groff, of Simcoe, Ont.

CORRUGATED GLASS.

I would like to know what the brothers think of corrugated glass for greenhouses. I want the practical part, not the theoretical; I can theorize myself. I was in one house where it was used and it was decidedly the lightest house in a cloudy day. But is this diffused light as beneficial as the direct light for cut flowers and other stuff. Will some one give his experience? S. C. T.

Austin, Tex.—H. V. Fox, the well known florist and landscape gardener, died January 31, aged 62 years.

Des Moines, Ia.—The thermometer downtown registered 25 degrees below zero last week and out on the hills, where the greenhouses are, 28 to 30 degrees below.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED—Foreman; 10,000 square feet of glass and 10 acres of ground; grow carnations, chrysanthemums, bulb stock, etc. for cut flowers; also a general line of bedding plants, palms, ferns, etc.; want a man to take entire charge; one who is thoroughly experienced and can run the place profitably; references required; married man preferred, as have four-room cottage on the place; permanent position; answer fully, stating wages wanted. The Stiles Co., Oklahoma City, Okla.

FOR RENT—For $50.00 per month, 5 greenhouses, 9000 square feet of glass; 9½ acres of good ground; house and barn, long lease; $1000.00 cash for stock, etc.; near Chicago. Address No. 134, care Florists' Review, Chicago.

WANTED—An experienced florist for retail place of 5000 feet, in eastern Mass.; carnations, chrysanthemums and bedding stock; must be sober, industrious and of good habits. Address No. 133, care Florists' Review, Chicago.

WANTED—Grower's assistant; young man with some experience in cut flowers and general stock. Address M. M. Strong, Sioux Falls, South Dakota.

WANTED—An A1 rose grower. Address with full particulars, G. Van Bochove & Bro., Kalamazoo, Mich.

SITUATION WANTED—In florist store, by a young lady with two years' experience as a decorator, and five years' in a greenhouse. Address No. 132, care Florists' Review, Chicago.

SITUATION WANTED—By a young man with 5 years' experience in greenhouse and landscape gardening; references if required; New York or New Jersey preferred. Address Richard Arzt, 43 Peshine Ave., Newark, N. J.

SITUATION WANTED—By young man of 23, as assistant florist; 5 years' experience; good habits; willing worker. Address No. 131, care Florists' Review, Chicago.

SITUATION WANTED—Young man of 23 seeks situation as florist's assistant; 4 years' experience; good reference from last position. Address F. Stundea, 3050 Royce St., Kensington, Philadelphia, Pa.

FOR SALE—I have four acres of very fine land on which are two large greenhouses, 23x200 each; a rhubarb plot for forcing; home water system; modern 9-room house, etc.; fine for florist or truck farm. Land yielded potatoes at the rate of 500 bushels per acre. One mile from the center of the city; 10 000 population. Address W. F. Preston, Dixon, Ill.

FOR SALE—Ballard's greenhouse, $750. Perry, Iowa.

WANTED—Competent grower of roses, carnations and bedding plants; single; give references in first letter and state wages with room. Address No. 139, care Florists' Review, Chicago.

WANTED—A good all-round florist to accept a permanent position in the south; for particulars inquire of Vaughan & Sperry, 69 Wabash Ave., Chicago.

SITUATION WANTED—As grower of Beauties, teas, carnations; good references. Address No. 138, care Florists' Review, Chicago.

SITUATION WANTED—By March 1 or 15, by a florist with about 15 years' experience in Europe and in this country in all branches of floriculture; also is a good designer and decorator; wishes a position in greenhouse or store. Address No. 137, care Florists' Review, Chicago.

SITUATION WANTED—Up-to-date florist, first-class designer and decorator, several years' experience as manager of up-to-date eastern and western establishments, acquainted with retail seed business, wishes first-class position; highest references given. Address No. 136, care Florists' Review, Chicago.

WANTED—Gardener, between the age of 25 and 35, for very small place in New York state; must understand the care of a lawn, small greenhouse, raising of flowers and vegetables, and the care of horses, harnesses and carriages; must be sober, industrious and come well recommended; single man preferred. Write, stating full particulars in regard to salary, reference, etc., or call on J. E. March, 37 Marion Street, cor. Spring, New York City.

WANTED—Good man for store; of good character and competent; a steady engagement; wages $15.00 in winter, $12.00 in summer. Address or call at once on Theo. Lang, 670 Sixth Avenue, New York.

WANTED—A good grower and propagator of carnations, roses, mums and spring bedding stock; one who can take a hand at building new greenhouses; must come March 1; only first-class man, sober and industrous, need apply; Pennsylvania. Address No. 135, care Florists' Review, Chicago.

WANTED—By March 1, assistant gardener on private place; English preferred; wages $50 per month with room. Address, stating age and experience, with reference, George Gordon, Beverly, Mass.

FOR SALE—A small greenhouse and grounds at a health resort; business increasing and strictly retail; no competition. Winans & Foote, Eureka Springs, Ark.

SITUATION WANTED—By a first-class grower of Beauties, teas, carnations and general stock; used to retail trade; Scotch; married; highest reference in regard to character and ability from present employers. Address No. 126, care Florists' Review, Chicago.

WANTED—A young man as florist's assistant; one used to horses and field cultivation; good home and chance to advance; wages $25.00 per month and board. Address with references I. Merwin Rayner, 81 Front St., Greenport, N. Y.

SITUATION WANTED—By German, 33; in retail florist store; life experience; decorator, designer, etc.; able to take charge; best reference; last position 3 years. Address E. B. Box 245, Spencer, Mass.

SITUATION WANTED—By a practical florist; German; single; middle aged; 15 years' experience; cut flowers, palms, ferns, bedding plants, forcing and earlier stock. Address No. 114, care Florists' Review, Chicago.

FOR SALE—Greenhouse of 7,500 feet; a thriving city of 10,000; well stocked with carnations, roses and other plants; for particulars, address R. C. Eisele, 2440 Center St., Baker City, Oregon.

FOR SALE—Seven acres of land at Park Ridge, Ill.; fine soil and well adapted for greenhouse purposes. Terms easy. Address A. L. Randall, 19 Randolph St., Chicago.

FOR SALE—At a bargain, an up-to-date greenhouse 8500 square feet of glass, 2½ acres land; 50 miles from Chicago; will sell all or any part of the land. J. Sanstrom, Momence, Ill.

SITUATION WANTED—By young man with several years' experience in city retail store; capable decorator and maker-up; married. For full particulars address No. 119, care Florists' Review, Chicago.

WANTED—A single man who is well up in roses, carnations, mums and a general line of bedding plants; also capable of managing help if required; state experience, references and wages wanted with board and room. Address No. 125, care Florists' Review, Chicago.

WANTED—A young man with some capital and good references; may find work at fair wages, in a greenhouse in central Ohio; doing a good business and when satisfied, a good chance for a partnership or to purchase. Cheap gas; good outlook. Address No. 124, care Florists' Review, Chicago.

SITUATION WANTED

As foreman of good-sized commercial place where growing roses for cut flowers is made a specialty. Refer to Alex. Montgomery, Waban Rose Conservatories, Natick, Mass. Address No. 130, care Florists' Review, Chicago.

FOR SALE.

Cheap. Top delivery wagon; good for city or country.

CHARLES MILLANG,

50 W. 29th St., · NEW YORK.



Chartier Radish, Seed Farm of Waldo Rohnert, Gilroy, Cal.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

BOSTON seedsmen report a satisfactory mail order trade up to date.

VISITED CINCINNATI:—Wm. A. Prosser, representing Ralph M. Ward, New York.

VISITED CHICAGO:—Will A. Eshbach, manager for J. A. Everitt Seed Co., Indianapolis, Ind.

MANY seedsmen are finding poultry supplies an increasingly important branch of their business.

SEEDSMEN who smoke are not welcome in Zion City, Ill. There is no tobacco seed listed in the Zion catalogue.

EACH season sees increased production of Asparagus plumosus seed, but the use of the plant also continues to widen.

THE way the season's catalogues show up is an indication of a growing appreciation of the value of good printing.

THE seedsmen at the canners' convention at Columbus this week are not booking much business but they are having a good time.

THE weather is much against the mail order business. It retards also the forwarding of onion sets and puts things generally in a rather depressed condition.

W. ATLEE BURPEE & CO. are introducing a new early potato, Quick Lunch, originated by Gideon T. Safford, North Bennington, Vt., who produced Vermont Gold Coin.

PHILIPPE DE VILMORIN, head of the French seed house, journeyed from Paris to London January 14 to preside at the annual banquet of the French gardeners resident in England.

SPRINGFIELD, MO.—The Planters Seed Co. filed articles of incorporation February 1, capital stock $14,000, fifty per cent paid up. B. R. Davidson, forty shares; John F. Woodruff, ten shares; Henry Scholten, ten shares; F. W. Maas, fourteen shares; John T. Stinson, sixty shares.

THE agricultural appropriation bill as passed by the lower house of Congress sets aside $240,000 for the seed distribution of 1906.

IT is intimated by some of the seedsmen that some of the bean growers might have made better deliveries of wax beans if they had tried hard. It is hard to please everybody.

MATHIAS KURTZWEIL, president of the Iowa Seed Co., Des Moines, Iowa, who has been very ill since the last of December, is slowly recovering and it is hoped will be at business again in a few weeks.

THE New Year's number of the Gardeners' Magazine (British) contains a very interesting story of "The Evolution of the Cabbage," by George Gordon. illustrated from photographs supplied by Sutton & Sons.

IT is reported that the Vilmorin memorial fund on January 1 amounted to 30,439 francs ($6,000) contributed by 2,710 subscribers. The English horticultural papers report that "a large proportion of the subscribers hail from the United States."

LONDON WHOLESALE SEEDSMEN.

Watkins & Simpson.

This firm was founded in 1876, by Alfred Watkins and James Simpson, both of whom had considerable experience of the seed trade. They were content to start in a modest way in the Savoy. The business soon began to increase, and a removal became necessary to the premises in 13 Exeter street, Strand, at present occupied by the firm, and where its growth continued. Mr. Simpson died in 1893, having retired from the business about three months previously. Mr. McKay, who had been with the firm for a considerable time as traveler and manager, was then taken into partnership. The premises now occupied by the firm are extensive. The offices and vegetable department are situated at 12 Tavistock street, and they communicate with the flower seed department in Exeter street. There are also spacious warehouses in Long-

STOP!

NEW ASTER KATE LOCK

Been Grown 48 in. High.

Finest aster in existence. Blooms 5 to 6 inches in diameter, full centers. stems 36 to 43 inches. Shown at all largest exhibitions in Canada and taken everything before it. Has never been beat. Colors:—White Daybreak and mixed. $2.00 per 1000 seeds. No agents.

Originator, J. H. LOCK, 41 Manchester Ave. TORONTO, ONT.

Mention The Review when you write.

Two Grand New Asters

Benthey's White

Benthey's Pink

The Seed of the Two Varieties is ready for distribution now.

PRICE LIST

TRADE PACKAGE	$1 00
¼ OUNCE, White or Pink	2 50
½ OUNCE, " "	4 50
1 OUNCE, " "	8 00

For further information write

The Benthey-Coatsworth Co.

35 Randolph St., Chicago.

Mention The Review when you write.

Carlson Improved

ASTER SEED

Pure Strain. Recognized as the leading Aster for Cut Stock. No disease. N"o yellows."

EARLY WHITE	Trade pkt.,	25c;	¼ ounce.,	50c;	ounce.,	$1.50
LATE WHITE	"	25c	"	50c	"	1.50
SHELL PINK	"	25c	"	50c	"	1.50
LAVENDER	"	25c	"	50c	"	1.50

Order early to insure getting all colors.

E. H. Hunt, 76-78 Wabash Ave., Chicago

Mention The Review when you write.

acre. The firm have large trial grounds at Feltham and Twickenham.

Stuart & Co.

This firm originated rather more than half a century ago, with a Mr. Stuart, who resided at Nice, and grew in that favored locality many subjects for seed purposes which could not be so successfully grown in this country. In order to have an outlet for his productions, a wholesale depot was opened in London, and after a few changes of locality is now at 25 Henrietta street, Covent Garden. Mr. Stuart, who was one of the first to improve the double zinnia and other choice flowers, died some years ago, says Richard Dean in the Horticultural Trade Journal.

CATALOGUES RECEIVED.

F. D. Van Wagenen, Fulton, N. Y., seeds and plants; J. A. Schindler & Co., New Orleans, La., seeds; Griswold Seed Co., Lincoln, Neb., seeds; W. Atlee Burpee & Co., Philadelphia, wholesale seeds; Peter Lambert, Trier, Germany, roses; W. W. Wilmore, Denver, Colo., dahlias; M. G. Madson Seed Co., Manitowoc, Wis., seeds and plants; W. C. Beckert, Allegheny, Pa., seeds; Barteldes & Co., Denver, Colo., seeds and plants; P. J. Berckmans Co., Augusta, Ga., nursery stock; Dingee & Conard Co., West Grove, Pa., roses, etc.; St. Louis Seed Co., St. Louis, Mo., seeds; M. Crawford Co., Cuyahoga, Falls, O., strawberry plants; Schlegel & Bottler Co., Boston, seeds, etc.; J. D. Imlay, Zanesville, O., seeds, etc.; Theodosia B. Shepherd Co., Ventura, Cal., seeds, etc.

VARIETIES OF LETTUCE.

The United States Department of Agriculture has published, as Bulletin No. 69, Bureau of Plant Industry, a monograph by W. W. Tracy, Jr., entitled "American Varieties of Lettuce," which will be of interest and value to every seedsman. The purpose and scope of the work is fully explained in its preface, which is in part as follows:

There is such looseness of nomenclatorial practice, and such inadequacy of description regarding the varieties of vegetables, that growers have much difficulty in getting the varieties best suited to their purposes. The lettuce variety known as Tennis Ball Black-Seeded is advertised by seedsmen under thirty-seven different names.

In Bulletin No. 21 of the Bureau of Plant Industry, entitled "List of American Varieties of Vegetables for the Years 1901 and 1902," were given about 5,000 names of varieties of vegetables offered for sale in those years in American seed catalogues. No attempt was made to say which of these varieties were identical and which were in reality distinct, except where synonyms were given in the catalogues themselves. It had already been determined, however, to take up the various kinds of vegetables one by one and, after a careful series of trials, to publish the results, with descriptions and synonyms. Lettuce is the first vegetable to which this critical study has been given. It will be of interest, therefore, to record a statement regarding those features of the method pursued in the investigation which are novel as applied to this class of objects.

The main idea was to apply to a horticultural subject the methods of systematic botany. The particular features of this application may be itemized as follows:

1. The descriptive terms used have been defined with precision. Where a verbal description is insufficient to convey an exact idea of form, such as the degree of curliness of leaves, reference is made to an illustration. When it is desired to designate a particular kind of green color, reference is made to a well-known variety of lettuce which exhibits that color.

2. In addition to an outline of classification intended to show the relationship of the varieties, an artificial key has been given, arranged on the convenient dichotomous system and making use of the most conspicuous characters, by which the identification of varieties is very greatly facilitated.

3. The varieties sufficiently different to be distinguishable by their form have been illustrated from photographs. A picture of the differences thus brought out could be conveyed by no amount of verbal description alone.

The groundwork upon which these botanical methods were applied was that of long experience and modern training in horticultural procedure, and intimate familiarity with the plants themselves.

Tentative trials were made in the years 1897, 1898, and 1899, and extensive trials were conducted in each of the four years from 1900 to 1903. Altogether 2,934 samples of lettuce seeds were secured, chiefly by purchase from seedsmen, and grown in the trials. These samples represented 444 variety names recognized by American seedsmen. The trials were conducted under Mr. Tracy's immediate direction from 1897 to 1899, at Kensington, Md., and in the succeeding years on the Potomac Flats at Washington. In addition, Mr. Tracy visited the extensive trial grounds maintained by five large seed houses, as well as seven seed farms in California, where lettuce seed is grown.

Mr. Tracy concludes that of the 404 varieties named in seedsmen's catalogues 107 represent really distinct varieties, while the others are merely these same varieties under different names. In adopting a single name for a much-named variety, the most suitable of the trade names has been chosen.

WATER UNDER PRESSURE.

We have hot water under pressure, but as we do not get the right temperature in the houses, we would like to change the system. As the houses run north and south and are of even size, 18x60, and one three-quarter span running east and west, we would like to know how many runs of 2-inch pipe to put in each house. The house on the west is exposed to very strong winds, and is used for carnations. The second is used partly for carnations and general stock. The third is used for vegetables and the east and west house for roses only. We wish to keep the rose house at 60 degrees in zero weather and the other ones at 55 degrees. We have a 4-inch pipe for a main and a 4-inch for return, but under the benches and on the sides are 2-inch flows and returns. Do you think the return is too large? The pipes cool very quickly if the fire slacks off a little. J. J. V.

Each of the houses 18x60 feet, which is to be heated to 55 degrees, should have an equivalent of eleven 2-inch pipes and the three-quarter span house, if of the same dimensions, 18x60, and to carry a temperature of 60 degrees, should have an equivalent of at least 12 runs of 2-inch pipe. These houses with hot water at 180 degrees require about 440 feet of radiation to maintain a temperature of 60 degrees during severe weather.

While it is not always the practice in hot water heating, it is good policy to have the lowest return in the house somewhat above the top of the boiler. Better results follow from such an arrangement than when the returns are below the top of the boiler. The difference need only be a few inches but a foot or more is an advantage. Four-inch pipes are not too large for either flows or returns, but they are seldom used in water under pressure systems, chiefly, I suspect, because smaller pipes are cheaper. L. C. C.

We esteem the Review very highly for its Seed Trade News.—Binghamton Seed Co., Binghamton, N. Y.

Velvet Beans!

WE ARE HEADQUARTERS

STATE NUMBER OF BUSHELS WANTED. WRITE US ☞ NOW!

CRENSHAW BROS., Tampa, Fla.

LEONARD SEED

WRITE FOR PRICES WE ARE HEADQUARTERS FOR ONION SETS

Flower Seeds and Bulbs

WHOLESALE SEED GROWERS

Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now.

BEANS, PEAS AND GARDEN SEEDS. Write for Prices.

CO. CHICAGO

HAVING BEEN AWARDED THE GRAND PRIZE

For My Exhibition of **GLADIOLI** At the World's Fair

it is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. Groff's Hybrids and other sorts the best obtainable.

Write for Catalogue. ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.

BEST GERMAN Forcing VALLEY PIPS and forcing LILACS, SPIRAEA CLUMPS, in sorts, selected LONGIFLORUM BULBS, CRIMSON RAMBLERS, AZALEAS and other Easter forcing Plants and Bulbs imported to order. Fall delivery.

Address: AUGUST ROLKER & SONS, 31 BARCLAY ST. P. O. BOX 752. NEW YORK

Mention The Review when you write.

SEED GROWERS

Field, Sweet and Pop Corn, Cucumber, Melon and Squash Seed. Write us before placing contracts. We have superior stock Seed and can furnish you good Seed at reasonable prices. Address

A. A. BERRY SEED COMPANY, Clarinda, Ia.

Mention The Review when you write.

Asparagus Plumosus Nanus Seeds

Our own growing, just ripening on selected plants, 100 seeds, 50c; 500 seeds, $2; 1000 seeds, $4.

B. H. Haverland, Pleasant Run, Ohio

Mention The Review when you write.

Thorburn's Bulbs

Lily of the Valley PIPS!

Largest and finest stock in splendid condition.....

Per case of 3000 for $24.00
2 or more cases at $7.50 per 1000

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

....SEEDS....

Hollyhocks, in 10 best varieties, all double. **Delphiniums**, in 12 varieties, including doubles and finest orchid-flowering. **Dianthus Barbatus**, auricula-flowering. **Veronica Longifolia**, **Digitalis**, in great variety. **Lobelia Cardinalis**, the beautiful cardinal flower. **Lobelia Syphylitica**, blue. Write for trade prices. Single trade packet, 10c.

CHAS. LONG, 277 Jefferson Avenue, ROCHESTER, N. Y.
Mention The Review when you write.

HOLLYHOCKS---CHOICE SEEDS

We offer superb, separate single colors, 8 kinds, 90c per oz.: we offer superb, single colors, 8 kinds mixed, 80c per oz.; Double Hollyhocks in 6 separate colors, 90c per oz.; Double Hollyhocks, 6 varieties, mixed, 80c per oz.; Hollyhocks, strong field plants, double colors, $5.00 per 100; Hollyhocks, strong field plants, single colors, $5.00 per 100. CASH WITH ORDER PLEASE.

JOHN CHARLTON & SONS, ROCHESTER, N.Y.

D. RUSCONI

Importer of Bulbs, Plants and Shrubbery.

Azalea Mollis and **Rhododendrons**—45c each, or 40c in 50 lots.

Roses—Home grown and imported—Amaryllis Johnsoni, Box Trees, Tuberoses, Cannas, Caladiums, Dahlias, Etc. Write for Prices.

32 W. 6TH STREET, CINCINNATI, OHIO
Mention The Review when you write.

Tuberous Begonias Our Gold Medal Strain

25 at 100 rate, 250 at 1000 rate.

	Per 100	Per 1000
Single—6 separate colors	$3.00	$27.50
" Finest mixed	2.75	25.00
Double—4 separate colors	4.00	37.50
" Finest mixed	3.75	35.00

HUBERT & CO.,
N. Le PAGE, Rep. MT. VERNON, N. Y.
Mention The Review when you write.

SOW NOW!

Rawson's Mammoth Verbenas

Unrivalled for size, beauty and variety of colors.
¼ OUNCE, 30c; OUNCE, $1.00.

W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Sq., BOSTON, MASS.

VREDENBURG & CO.

ROCHESTER N. Y.

Lithographing, Printing, Engraving, Binding Exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

UNEQUALLED FACILITIES
Mention The Review when you write.

NEW CROP ASTER SEED



The strains herein offered are procured from the **leading specialists** in Europe and America, and the **most critical** florist can depend upon receiving Asters of the **highest quality** obtainable.

SEMPLE'S BRANCHING OR LATE FLOWERING ASTERS

These Asters are unequaled for **florists' use.** The flowers are immense and very beautiful, resembling a chrysanthemum, and are borne on long, erect stems. They are late bloomers and come at a time when they sell well, lasting for days after being cut.

	Trade pkt.	Oz.
New Branching, Pure White	$0.20	$0.75
" " Scarlet	.20	.75
" " Pink	.20	.75
" " Lavender	.20	.75
" " Purple	.20	.75
" " Choice Mixed	.20	.60
Vick's White Branching	.20	.75
Daybreak, shell-pink	.30	2.00
Purity, double white	.30	2.50

COMET OR PLUME ASTERS

A very beautiful and distinct class, with long curled and twisted petals formed into a loose yet dense half globe, resembling a Japanese Chrysanthemum.

GIANT COMET—	Trade pkt.	Oz.
White	$0.25	$1.00
Rose	.25	1.00
Bright Red	.20	1.00
Light Blue	.20	1.00
The Bride	.20	1.00
Dark Blue	.20	1.00
All Colors, mixed	.15	.75
Giant Branching, mixed	.20	.90

Our Wholesale List for Florists Mailed on Request.

QUEEN OF THE MARKET ASTER

Three weeks earlier than any other variety; of dwarf branching habit and very desirable for growing under glass; very popular for bunching and cutting.

	Trade pkt.	Oz.
White	$0.20	$0.60
Pink	.20	.60
Crimson	.20	.60
Blue, Light or Dark	.20	.60
Purple	.20	.60
Mixed	.15	.50

Johnson & Stokes, 217-219 Market Street, Philadelphia

Mention The Review when you write.

MORE than half a million copies of the BURPEE CATALOGUE for 1905 have been mailed already. Have YOU received one? If not, it WILL PAY YOU to **WRITE TODAY!** A postal card will do. Simply address

BURPEE'S SEEDS, PHILADELPHIA, PA.

and you will receive by return mail BURPEE'S FARM ANNUAL,—so long recognized as the **"LEADING AMERICAN SEED CATALOGUE."** It is a handsome book of 178 pages, with elegant colored plates, and TELLS THE PLAIN TRUTH about all the

Best Seeds that Grow!

If you garden for profit or are a florist you should also have Burpee's "Blue List" or Wholesale Price List for Market Gardeners and Florists.

Mention The Review when you write.

Five Dollars for 1000 SEEDS

Greenhouse-Grown; This Season's Picking.

We offer this week a special price on Asparagus Plumosus Nanus Seed, fresh from the greenhouse. This seed is of finest quality; better, we think, than can be had elsewhere. It is all absolutely fresh, that we guarantee, and far superior to old or outdoor grown seed because it will all germinate quickly.

100 seeds, 75c; 1000 seeds, $5.00; 5000 seeds, $22.50. Special prices on larger quantities.
Send for our new wholesale catalogue.

HENRY F. MICHELL CO., 1018 Market St., PHILADELPHIA.

Mention The Review when you write

RUSSIAN LILY OF THE VALLEY

Per 1000	$ 15 00
Per 2500	32 00
Per 10000	125 00

THE BEST FOR EARLY OR LATE FORCING.

STUMPP & WALTER CO.

Branch, 404 E. 34th St. 50 BARCLAY ST., NEW YORK.

Mention The Review when you write.

RALPH M. WARD & CO.

Exporters and Importers
17 Battery Place, NEW YORK

Horseshoe Brand **Bulbs, Plants.**

Valley our Specialty Cold Storage Pips Always on Hand.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest.
TRY THEM.

Cushman Gladiolus Co.
SYLVANIA, OHIO.

Mention The Review when you write.

SAMUEL S. PENNOCK,
Choice Gardenias, $25.00 per 100 blooms.
The Wholesale Florist of Philadelphia
Asparagus Plumosus Nanus Seed, greenhouse-grown. $4.50 per 1000.
Mention The Review when you write.

The Cleveland Cut Flower Company,
WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.
52 and 54 High Street, CLEVELAND, OHIO.
Mention The Review when you write.

Headquarters for FANCY CARNATIONS and ROSES
PITTSBURG'S LARGEST AND OLDEST WHOLESALERS.
PITTSBURG CUT FLOWER CO. (Limited) 504 Liberty Ave. Pittsburg, Pa.
Mention The Review when you write.

LILIES.

We have some Lilium Harrisii that are three inches high in a house with a night temperature of 56 degrees. Will they be all right for Easter? If not, how should they be treated? Our L. longiflorum multiflorum are just breaking through the soil. How should they be treated to be had in bloom Decoration day? After the above named lilies show buds how many days does it take them to develop? J. W. R.

The Lilium Harrisii that are three inches high and in a night temperature of 56 degrees will do very well where they are for another three weeks. We will suppose that they were well rooted when brought in. They should make good, steady growth in 56 degrees and 15 degrees higher in the daytime. Much depends on the weather, but by the middle of March you can tell if they will need a higher temperature.

Those lilies only just starting to grow and intended for Decoration day should be kept quite cool, say 40 degrees at night. There will be no forcing needed. As the season advances your houses will be warm and there is more care needed in keeping them cool. In April and May they come along very fast. Keep them cool.

The number of days from the time you can count the buds to their opening will depend on the temperature and amount of sunshine we get. This year, as Easter is late and we should expect bright weather to help, four to five weeks should develop the expanded blossoms.

W. S.

LIFE OF PIPE.

In ordinary greenhouse use what will be the life of 4-inch cast-iron pipe? How long would wrought-iron pipe last?

W. W. T.

It is a difficult thing to predict the life of either cast or wrought-iron pipe in heating plants. There is some difference in the qualities of iron from different sources. There is also an advantage in favor of cast-iron as a container so far as length of life is concerned, everything else being equal.



Cattleyas, per dozen ..... $5.00 to $7.50
Cypripediums, per dozen ..... 1.50 to 2.00
Asst. Orchid Sprays, etc., per box 5.00 to 25.00

ORCHIDS
AND
Fancy Cut Flowers
A SPECIALTY.

If you want Choice Cut Flowers at any time or all the time, send to
CHARLES W. McKELLAR
51 Wabash Avenue, CHICAGO.
Western Headquarters for Choice
ORCHIDS, FANCY VALLEY, VIOLETS, BEAUTIES, TEA ROSES, CARNATIONS. Wild Smilax, Asparagus, Adiantum, Smilax, Fancy Ferns always in abundance. Also a complete line of all Florists' Supplies, Novelties and Wire Work.
L. D. Phone Central 3588. Automatic 3623.
Mention The Review when you write.

Fancy or Dagger Ferns



$1.25 per 1000. Galax, brilliant bronze or green, 75c per 1000; $6.50 per case, 10,000. Laurel festooning, hand made, full sizes, 4c, 5c and 6c per yard, made fresh daily from the woods. Send us your orders at once and we will please you. Branch Laurel, 35c per large bundle. Southern wild Smilax, 50 lb. cases, $5.50 per case. Laurel wreaths and Princess pine wreaths made all sizes and prices. Princess pine by the pound and made into roping. Tell us your wants and we will name you prices.

CROWL FERN CO., - - - MILLINGTON, MASS.
Mention The Review when you write.

The one factor which more than any other determines the length of life of iron pipe used for carrying water, either in a heating plant or under other conditions, is the character of the mineral salts which the water contains. In some localities the water contains salts which soon consume iron pipe, while in other sections no such evil exists. The best and safest plan under all circumstances is to use rain water for filling the heating plant, whether it be a hot water or a steam plant. With rain water there should be little or no scale or corrosion and under such circumstances the length of life of light weight 4-inch cast-iron pipe should be thirty-five to fifty years and probably twenty-five or thirty years for the ordinary threaded maleable pipe, possibly more. L. C. C.

PHILADELPHIA CUT FLOWER CO.

R. C. HAYDEN, Secretary and Treasurer. WM. J. MUTH, Manager.

WHOLESALE COMMISSION FLORISTS,

1516-1518 Sansom St. BELL AND KEYSTONE PHONES, OPEN 7:30 A. M. TO 8 P. M. PHILADELPHIA, PA.

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A **Daily Cut** from 40 to 50 Growers

We can and will fill your Cut Flower wants to advantage.

Plenty of **BEAUTIES, MAIDS, BRIDES,** etc.
CARNATIONS, VIOLETS, BULBOUS STOCK, etc.
ALL GRADES.

Shipping orders our specialty. Write, telephone or telegraph.
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Headquarters for HARDY FERNS and WILD SMILAX.

Most complete line of
FLORISTS' SUPPLIES
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—— CATALOGUE FREE ——

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ROSES High Grade cut blooms at all times

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SOUTH PARK FLORAL CO.

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56 Pine St., Wallace Bldg., Rooms 601-603 NEW YORK CITY

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Wholesale Cut Flower Prices.

Philadelphia, Feb. 8.

		Per doz.
Beauty, Specials		7.50
" Extra	$5.00 to	6.00
" Medium	3.00 to	4.00
" Short	1.50 to	2.00
		Per 100
Bride and Bridesmaid, Fancy	12.00 to	15.00
" " Ordinary	4.00 to	6.00
Liberty, Fancy	25.00 to	35.00
" Select	12.00 to	15.00
" Ordinary	5.00 to	8.00
Golden Gate	4.00 to	12.00
Meteor	4.00 to	10.00
Kaiserin	5.00 to	12.00
Sunrise	4.00 to	10.00
Carnations, Fancy	5.00 to	6.00
" Select	3.00 to	4.00
" Ordinary	1.50 to	2.00
Orchids, Cattleyas		50.00
Adiantum Cuneatum		1.00
" Croweanum		1.50
" Farleyense		10.00
Asparagus Plumosus, Strings		50.00
" Sprays, per bunch		.50
" Sprengeri, per bunch	.50 to	.75
Callas	10.00 to	18.00
Daisies, White or Yellow	1.50 to	3.00
Lilium Harrisii	12.50 to	15.00
Mignonette, Fancy	4.00 to	5.00
" Ordinary		2.00
Paper Whites	2.00 to	4.00
Tulips	2.00 to	4.00
Daffodils	3.00 to	4.00
Lilac, White, per bunch	1.00 to	2.00
Smilax	12.50 to	15.00
Sweet Peas	.50 to	1.00
" " Select and White		2.00
Gardenias		25.00
Valley, Fancy	4.00 to	5.00
" Ordinary	2.00 to	3.00
Violets, Double	.50 to	.75
" Single	.35 to	.50
" White		1.50
Freesias	3.00 to	4.00
Myosotis		1.00
Pansies, per bunch		.05
Romans	3.00 to	4.00
Acacias, per bunch		2.00

CONNEAUT, O.—E. E. Venen says paper carnations were largely used on McKinley day, to the detriment of legitimate trade, and an insult to the cause. The day, however, was much more generally observed than last year.

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WYNCOTE, PA.
Grower of
Kentia Belmoreana and Kentia Forsteriana

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All Ferns, Fancy and Dagger
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Special arrangements this season for the extensive handling of American Beauties

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Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.
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Wholesale Cut Flower Prices.

New York, Feb. 6.

		Per 100
Beauties,	Specials	$50.00 to $75.00
"	Extra	20.00 to 30.00
"	No. 1	15.00 to 20.00
"	Shorts	4.00 to 6.00
Brides and Maids,	Special	12.00 to 15.00
" "	Extra	8.00 to 10.00
" "	No. 1	4.00 to 6.00
" "	No. 2	2.00 to 4.00
Golden Gate		8.00 to 15.00
Liberty		5.00 to 15.00
Mme. Chatenay		8.00 to 10.00
Meteor		3.00 to 8.00
Orchids, Cattleyas		40.00 to 60.00
Cypripediums		6.00 to 12.00
Carnations,	Common	1.00 to 1.50
"	Selects	1.50 to 3.00
"	Fancies	3.00 to 4.00
"	Novelties	5.00 to 8.00
Adiantum Cuneatum		.50 to .75
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri, bunches		15.00 to 25.00
Lilies		10.00 to 12.00
Lily of the Valley		1.00 to 3.00
Smilax		8.00 to 12.00
Violets		.25 to .50
"	Specials	.50 to .75
Narcissi		1.00 to 4.00
Callas		10.00 to 12.00
Daisies		.50 to 1.00
Pansies	doz. bunches	.25 to .35
Tulips		1.00 to 4.00
Mignonette		2.00 to 10.00

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Orchids, Roses, Carnations, Violets and Every Variety of Cut Flowers.
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Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.
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Write, Wire or Phone the Introducers.
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Quaint and curious Japanese plants on hand for shipment all the year around. Telephone Connection.

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Choice stock, full weight, 50-lb. case, $6.00; 25-lb. case, $3.25.

Galax—Brilliant bronze or green, selected, $1.00 per 1000; $3.75 per 5000.

Leucothoe Sprays—Green or bronze, 90c per 100; $7.50 per 1000.

Sphagnum Moss—Large bale, $1.75; by freight, $2.00. **Green Sheet Moss**—Per bbl. sack, $2.50.

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We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our Specialties are Dagger and Fancy Ferns, A-1 quality, $1.00 per 1000. Laurel Festooning, good and full, hand made, 5c and 6c per yard. Green and Sphagnum Moss, $1.00 per bbl. Sphagnum Moss, 50c a bag, 5 bags, $2.00. Ivy Leaves, $4.00 per 1000.

Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—all sizes, Folding Flower Boxes, Ribbon—all sizes and colors, all kinds of Letters, Wire Designs, Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

L. D. Tel. 2618 Main. **HENRY M. ROBINSON & CO., 8 and 11 Province St., BOSTON, Mass.**

Wholesale Cut Flower Prices.

Boston, Feb. 8.

	Per 100
Beauties, Specials	$45.00 to $65.00
" Extra	20.00 to 30.00
" Short Stems	6.00 to 10.00
Brides, Specials	10.00 to 15.00
" Seconds	3.00 to 6.00
Bridesmaids, Specials	12.00 to 15.00
" Seconds	4.00 to 6.00
Liberty	6.00 to 25.00
Chatenay	4.00 to 12.00
Cattleyas	40.00 to 50.00
Cypripediums	6.00 to 8.00
Carnations, Special	3.00 to 4.00
" Select	2.00 to 2.50
" Ordinary	1.00 to 1.50
Violets, single	.30 to .60
" double	.25 to .50
Lily of the Valley	2.00 to 4.00
Narcissi, Paper Whites	1.00 to 2.00
Mignonette	2.00 to 5.00
Asparagus Plumosus, Strings	35.00 to 50.00
" " Sprays, bunch	.50
" Sprengeri, bunch	.50
Smilax	8.00 to 10.00
Adiantum	.75 to 1.00
Roman Hyacinths	1.00 to 2.00
Callas	8.00 to 12.00
Lilium Harrisii	8.00 to 12.00
Sweet Peas	1.00
Marguerites	1.00
Freesias	2.00 to 8.00
Yellow Daffodils	2.00 to 4.00
" Jonquils	1.00 to 1.50
Tulips	2.00 to 4.00

FARMINGTON, ILL.—M. Butterfield built a small greenhouse and had such good success the first year that he doubled the capacity this season. He is doing finely with carnations but says the results with roses are not yet to his satisfaction.



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FANCY AND DAGGER

$1.25 per 1000. Cash or satisfactory references.

Also Laurel by the 100 lbs. or by the yard. Laurel, 100 lbs. $2.50; Laurel by the yard, 4 and 5 cts. per yard. Balsam Brush for making Balsam Pillows, 75 cents per 100, F. O. B.

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Green and Bronze Galax Leaves,

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Perfect shipping facilities for out-of-town orders.

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WHOLESALE FLORISTS

58-60 Wabash Ave., CHICAGO

Write for Special Prices

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Wholesale Cut Flower Prices.

Chicago, Feb. 8.

	Per doz.
Beauties, Long stems	$5.00 to $ 6.00
" 30-inch "	4.00
" 24-inch "	3.00
" 20-inch "	2.50
" 15-inch "	2.00
" 12-inch "	1.50
Shorts	.75 to 1.00
	Per 100
Bridesmaids, Specials	$10.00 to $12.00
" Firsts	4.00 to 8.00
Bridas, Specials	10.00 to 12.00
" Firsts	4.00 to 8.00
Liberty, Specials	12.00 to 15.00
" Firsts	4.00 to 10.00
Golden Gate, Firsts	10.00 to 12.00
" Seconds	4.00 to 8.00
Meteor, Firsts	10.00 to 12.00
" Seconds	4.00 to 8.00
Ivory, Firsts	10.00 to 12.00
" Seconds	4.00 to 8.00
Perles, Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Chatenay	4.00 to 12.00
Cattleyas	40.00 to 60.00
Cypripediums	12.50 to 18.00
Carnations, Select	1.50 to 2.00
" Fancy	3.00 to 4.00
Violets	.50 to 1.00
Callas	12.50 to 15.00
Harrisii	18.00 to 20.00
Daffodils	3.00 to 4.00
Tulips	3.00 to 5.00
Paper Whites and Romans	2.00 to 3.00
Asparagus, Strings	35.00 to 50.00
" Sprays, per bunch,	.25 to .35
Sprengeri, "	.25 to .35
Ferns, per 1,000, $2.00	.25
Adiantum Cuneatum	.75 to 1.00
Smilax, per doz.	1.50 to 2.00

Peter Reinberg

51 Wabash Ave., CHICAGO.

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Cut Flowers.

LARGEST GROWER IN THE WORLD.....

A Million Feet of Modern Glass.

Current Price List.

AMERICAN BEAUTIES—	Per doz.
Extra select	$6.00
30-inch stems	5.00
24-inch stems	3.00
20-inch stems	2.50
15-inch stems	2.00
12-inch stems	1.50
Short stems	$6.00 to $10.00 per 100.
	Per 100
LIBERTY	$4.00 to $15.00
CHATENAY	8.00 to 12.00
" seconds	4.00 to 6.00
MAIDS AND BRIDES	8.00 to 10.00
" " " seconds.	4.00 to 6.00
PERLE	4.00 to 8.00
UNCLE JOHN	8.00 to 12.00
" " " seconds	4.00 to 6.00
SUNRISE	4.00 to 10.00
CARNATIONS	2.00 to 4.00

All flowers are perfectly fresh and properly packed.

No charge for P. & D. on orders over $5.00.

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A. L. RANDALL CO.

Wholesale Florist

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SEE PERCY JONES, Manager.

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Wholesale Cut Flowers

Flower Growers' Market,

60 Wabash Ave., CHICAGO.

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SINNER BROS.

Wholesale Growers and Shippers of CUT FLOWERS

58-60 WABASH AVE., CHICAGO, ILL.

With the Flower Growers' Co. Telephone—Central 3067.

All telephone and telegraph orders given prompt attention.

J. A. BUDLONG

37-39 Randolph Street, CHICAGO.

Roses and Carnations A Specialty.....

WHOLESALE GROWER of CUT FLOWERS

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Wholesale Growers of **Cut Flowers**

All telegraph and telephone orders given prompt attention.

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GEORGE REINBERG,

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WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS

Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.

Mention The Review when you write.

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WHOLESALE GROWERS AND SHIPPERS OF

59 WABASH AVE. CUT FLOWERS CHICAGO

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SUCCESSOR TO

BRANT & NOE FLORAL COMPANY,

58-60 Wabash Ave., CHICAGO.

Very Choice American Beauties.

Wholesale Grower of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.

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All telegragh and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.

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TO THE PHILADELPHIA RETAILERS

It will be to your advantage to come to the Market early each morning and meet the growers. You will get the pick of the stock of all kinds fresh and at reasonable prices. You will be cordially welcome.

The Philadelphia Wholesale Flower Market, 1235-37 Filbert St., Philadelphia.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Pittsburg, Feb. 8.

		Per 100
Beauties,	Specials	$50.00 to $60.00
"	Extra	30.00 to 40.00
"	No. 1	15.00 to 20.00
"	Shorts	6.00 to 10.00
Brides and Maids		8.00 to 15.00
Cusin		4.00 to 8.00
Liberty		8.00 to 12.00
Perle		3.00 to 8.00
Carnations		1.00 to 5.00
Adiantum Cuneatum		1.00 to 1.50
Asparagus Plumosus, Strings		25.00 to 50.00
" Sprengeri, Sprays		2.00
Lily of the Valley		3.00 to 4.00
Violets, Single		.30
" Double		.75 to 1.25
Trumpet Narcissi		4.00 to 6.00
Smilax		12.50 to 15.00
Lilies		12.00 to 18.00
Paper Whites and Romans		3.00
Tulips		3.00 to 5.00
Freesias		3.00 to 4.00
Sweet Peas		.75 to 1.00
Lilac	per bunch	.75 to 1.00
Daffodils		4.00 to 6.00
Daisies		1.00 to 3.00
Mignonette		1.00 to 4.00
Pansies		1.00 to 2.00

Cleveland, Feb. 8.

		Per Doz.
Beauties,	Specials	$6.00
"	Extra	4.00
"	No. 1	3.00
"	Shorts	$1.00 to 2.50
		Per 100
Bride and Bridesmaid		$4.00 to $10.00
Meteors		4.00 to 10.00
Carnations		2.00 to 6.00
Adiantum Cuneatum		1.00
Asparagus Plumosus, Strings		25.00 to 50.00
" " Sprays		1.00 to 3.00
" Sprengeri "		2.00 to 4.00
Violets		.50 to 1.00
Smilax		12.50 to 15.00
Paper Whites		3.00 to 4.00
Valley		3.00 to 4.00
Tulips, white		3.00 to 4.00
Sweet Peas		1.00 to 1.50

MANURES FOR MUMS.

M. George Truffaut's researches show that while there are differences in constitution as regards varieties, yet as a whole it may be said that if it is desired to grow dwarf, robust plants with firm, regularly distributed foliage and brightly colored flowers, the following facts must be borne in mind; phosphoric acid assists in the formation of woody tissue and chlorophyll, hastens the production of flowers, and specially heightens the brilliancy of their colors. Without potash the leaves are flaccid, the stems hollow, the flowers of bad shape, and their development retarded. Excess of nitrogenous manure is singularly injurious to the chrysanthemum.

NORTH JACKSON, O.—Elmer Masters will build a greenhouse as soon as the season opens.

ANOKA, MINN.—M. L. Fisch, of Windom, has bought the interest of J. W. Ford in the Pratt-Ford greenhouses.

C. E. CRITCHELL,
Wholesale Commission Florist.
All varieties of Cut Flowers in season at right prices and of the best quality.
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C. C. Pollworth Co.
MILWAUKEE, WIS.
Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Feb. 8.

		Per doz.
Beauties,	Specials	$4.00 to $6.00
"	Extra	2.00 to 3.00
"	No. 1	1.00 to 1.50
"	Shorts	.60 to 75
		Per 100
Brides and Maids,	Specials	$5.00 to $8.00
" "	Extra	3.00 to 4.00
" "	No. 1	1.00 to 2.00
Carnot		5.00 to 8.00
Golden Gate		4.00 to 6.00
Kaiserin		5.00 to 6.00
Liberty		4.00 to 6.00
Meteor		4.00 to 6.00
Carnations, Common		1.00 to 1.50
" Select		2.00 to 3.00
" Fancies		4.00 to 5.00
Adiantum		1.00 to 1.25
Asparagus Plumosus, Strings		25.00 to 35.00
" " Sprays		1.00 to 1.50
" Sprengeri "		1.00 to 1.50
Lily of the Valley		2.00 to 3.00
Smilax		12.50 to 15.00
Violets, single		.25 to .40
" double		.75 to 1.00
Paper Whites		2.00 to 3.00
Romans		1.50 to 2.00
Callas		10.00 to 12.50
Harrisii		10.00 to 12.50
Freesias		2.00 to 3.00
Tulips		3.00 to 4.00
Dutch Hyacinths		4.00 to 5.00

LANCASTER, N. Y.—The greenhouses owned by J. H. Rebstock, the well-known Buffalo florist, and located here, were destroyed by fire at an early hour February 3, entailing a loss which has been placed as high as $3,000.

CARTHAGE, MO.—On February 2 Perry Finn's greenhouse was destroyed by fire originating in the boiler room. Mrs. Finn is critically ill.

WASHINGTON, IA.—At the Keck greenhouses they have lost some stock during the recent cold spell by a break in the heating apparatus.

PITTSBURG FLORISTS' EXCHANGE
Wholesale Florists and Florists' Supplies.
228 Diamond St., PITTSBURG, PA.
Shipping Given Special Attention.
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PETER WEILAND,
Wholesale Grower of
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Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.
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All stock sold at the PREVAILING MARKET PRICE.
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FRANK M. ELLIS
Wholesale Florist
Finest Stock of Everything in the market.
Extra fine California Violets
Novelties and Supplies of all Kinds.
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Long Distance Telephone MAIN 2018-M
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GRAND RAPIDS, MICH.

We have recently been treated to the worst weather of the season and it had a depressing effect on retail trade. but it gave such a brace to shipping that every flower of whatever quality was quickly cleared up. The demand for funeral work has sprung into great activity. Prices continue firm. Violets are the only flowers that can be had in quantity.

William Cunningham has suffered an operation for appendicitis but is progressing favorably.

M. Regan, formerly foreman at Crabb & Hunter's Lake greenhouses, is very ill.

George F. Crabb is convalescing from a severe attack of grippe and congestive fever.

The Grand Rapids florists who attended the carnation meeting are very enthusiastic on the exhibits, the greatest difficulty being to decide on which variety to stock up on.

The Grand Rapids Florists' Club is grappling with the problem of fixing rates for bedding plants, the filling of window gardens, baskets, etc., for spring trade. It will also strive to make the price of cut flowers more uniform. If it accomplishes all it has set out to do it will be a long stride in progress. Henry Smith has the rate question in charge and will report at the next meeting, which will be held at the Board of Trade rooms on Pearl street on February 17.

G. F. C.

FROST IN SOUTHERN EUROPE.

The Revue Horticole gives a deplorable account of the destruction caused by the recent severe weather not only on the north side of the Mediterranean, but also in Tunis and Algeria. The crop of roses is mostly destroyed, also violets, anemones, reseda, ranunculus, and other flowers, have been almost entirely ruined, and in the market gardens there are no more artichokes, lettuces, radishes, carrots, turnips, or cauliflowers. What the effect will be on the palms it is too soon to judge. It is a curious fact that English growers have lately been supplying the Paris markets with forced tulips and other flowers; usually the London growers must compete with cut stock from the south of Europe.

Grand Forks, N. D.—E. O. Lovell says McKinley day business was good. Many dinner table flowers were supplied. They distributed many free boutonnieres on Saturday.

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Always on Hand and in any Quantity
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25 lb. case	$3 00
35 lb. case	4 00
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We must have room and money, therefore offer the following for a limited time at cut prices. Stock is fine. Try a sample order.

	Per doz.	Per 100
2½-in. Boston Ferns		$3.50
3 " " "	$1.00	7.00
4 " " "	1.75	12.00
5 " " "	2.40	
6 " " "	4.80	
7 " " "	7.00	
2 " Asparagus Plumosus Nanus		3.00
3 " " " "	1.00	7.00
2 " " Sprengeri		2.00
2½ " Rex Begonias, Louis Closson		3.50
6 " Latania Borbonica Palms	each	.60
4 " Kentia Belmoreana "	"	.35

5-in. Rubber Plants	each $0.50
	Per 100
Rooted Cuttings Double Petunias very fine varieties	$1.60
Rooted Cuttings, Salvias	1.50
" " Vinca Variegated	1.50
Caladium Esculentum bulbs, extra fine, 10 to 12-inch	8.00
Wire Baskets, well made, 8-in., 10-in., 12-in. at $1.00, $1.50 and $2.00 per dozen.	
Sheep Manure, per 100 lbs. $1.00.	
Sphagnum Moss, per bale $1 00, write for prices on larger quantities.	

We will take a few good 2-in. S. A. Nutt and Double Gen. Grant Geraniums and some good varieties of Cannas in part exchange.

We can also supply you with the best the market affords in Rubber Hose, Cut Flower Boxes, etc. **Give us a Trial Order.**

Terms cash or satisfactory references. 5 per cent discount for cash with order.

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We still have a few thousand of the following unsold. Fine, well-rooted stock. Will ship as soon as weather moderates, if you want them.

Santolina Tomentosa, Acalpha Tricolor,
Acalypha Macrophylla, Marguerites, Ever Blooming White.
Ageratum Stella Gurney and Dwarf Beauty.

Any of the above at $1.00 per 100; $7.50 per 1000.

STEVIA SERRATA VARIEGATA 60c per 100 $5.00 per 1000.

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WISCONSIN

The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

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Orders Executed Artistically.

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Long Distance Phone 2180. COR. 14th and H STS.

Vegetable Forcing.

VEGETABLE MARKETS.

Chicago, Feb. 8.—Cucumbers, 35c to $1.75 doz.; leaf lettuce, 20c to 25c case; head lettuce, $2 to $5 bbl.

Boston, Feb. 7.—Cucumbers, $6 to $15 box; tomatoes, 50c lb.; lettuce, $1 to $1.50 box; mint, $1 to $1.25 doz.; parsley, $1 bushel; mushrooms, 50c to 75c lb.; rhubarb, 8c to 9c lb.

IMPROVED LORILLARD.

In a recent number of the Review we notice an article by Mr. Croydon, referring to Lorillard tomato as producing a number of badly shaped fruits, particularly in the first of the season. Many good varieties have been discarded because of roughness or some other fault. We give our experience because we think a good variety once found can be kept up to the standard and even improved if a careful selection of seed is made each year. Ten years ago we commenced forcing Lorillard under glass for ripe fruit in April and May and have grown it ever since. Five years ago we began selecting and saving seed from perfect fruit and are now satisfied that we have a perfect tomato, in size, form, earliness and productiveness. Each year we also grow the variety outside largely and find it produces ripe and perfect fruit as early as any grown in this section and continues throughout the season.

Roney Bros.

APHIDES ON LETTUCE.

Would Nikoteen or Rose Leaf Extract be all right to use on lettuce to kill aphides? I have been using tobacco smoke, but find it very easy to overdo. Is there a better way? M. A. B.

Nikoteen or Rose Leaf Extract of tobacco would be all right for destroying aphides on lettuce. I presume you mean to vaporize it. Directions regarding quantity necessary for certain space usually accompany the packages in which the extracts are put up. You could accomplish your purpose cheaper by using tobacco stems. Procure good fresh stems, tie up in bunches and distribute through the house. They are better and last longer if suspended rather than laid on the ground. If the fly has considerable headway you would have to use the stems pretty freely to get the better of them, but once your plants are clean the aroma from the stems will prevent further trouble. Moisten occasionally when the stems become dry and they will continue effective for a considerable time, the length of time, of course, depending a good deal on the quality of the stems. After the stems have lost their strength renew with fresh ones, and in this way you ought to be able to keep your house perfectly free from the serious attacks of aphis.

W. S. Croydon.

EARLY PLANTS FOR OUTDOORS.

The sowing of seed to procure early plants for subsequent planting outdoors, if not already done, should be attended to as soon as possible. If greenhouse space can be devoted to this purpose it will be a good deal more convenient than hotbeds. Just as good plants can be raised in notbeds as in the greenhouse, but it entails quite a little extra labor, and pretty close attention is necessary to insure success.

One of the first essentials is to procure a suitable soil for the seed sowing. Too often the ordinary potting mixture is used for this purpose and the presence of manure in it, which inevitably contains decaying vegetable or animal matter, not only makes the soil too heavy for the purpose, but it is almost sure to contain germs of fungi which would prove very destructive to the little plants just after they are over the ground. It is very disappointing, after procuring a good start of seed, to see the plants damping off. This damping off, as it is commonly called, is often caused by the attacks of minute fungi, the germs of which are often present in the soil. Over watering and an overabundance of atmospheric moisture are also fruitful causes of its presence. If a nice, free, friable loam can be procured in the right condition, neither too wet nor too dry, there is nothing better for the purpose in hand. For a stiff, retentive soil the addition of good sharp sand or, better still, some charcoal dust will be very beneficial.

For most seeds it is better to have the soil on the surface finely sifted, though it is unnecessary to sift the whole of it; in fact, it is better to have the main part of the soil rather rough to insure the free passage of water. The seeds should not be sown too thickly, so as to give the plants a chance to get large enough to be easily handled before they become crowded. A temperature of 60 degrees is about right for the general run of seeds. Cucumbers and melons require a higher temperature, but it is too early to start either of these for outdoor planting. A fine spray should be used in watering, so that the soil can be kept moist, but not over-wet. Air should be freely admitted on all favorable occasions, so that the atmosphere of the house be kept free from stagnation.

Regarding varieties for early use, we have found nothing better in lettuce than Boston Market for first; for succession Big Boston and Deacon are both good. In cabbage, Early Jersey Wakefield would be our choice for first, to be followed by Succession. In cauliflower we prefer Dwarf Erfurt to Snowball for early outdoor work. In tomatoes Earliana and Stirling Castle are both good for this purpose. A sowing of moss curled parsley made now will give nice plants for setting out by the time the weather is warm enough.

W. S. Croydon.

PACIFIC COAST.

SAN FRANCISCO.

The Market.

We are still in the midst of our rainy season and, while on one hand it makes business quiet, on the other it makes flowers of all kinds scarce. Violets are the exception, as they are a glut at present. They sell at from 50 to 75 cents per dozen bunches and are of splendid quality. Roses and carnations are even scarcer than they were last week and the prices have stiffened considerably. The daffodil is the flower in most demand at this time. They cost the stores from $1 to $1.50 per hundred. Trumpet major is the variety we are cutting now. Ard Righ, Henry Irving and other early sorts are all gone and Princeps is just beginning to bloom. Roman hyacinths and valley are in fair supply and sell well. Freesias are now to be had in any quantity and cost the stores about $1.50 per hundred for long-stemmed flowers. Good maidenhair is scarce but we are getting an abundance of the wild variety from the mountains, but this kind can only be used to advantage in cheap bouquets. Smilax is also very scarce and sells well. Mums are practically out of season, so that there is a great scarcity of cheap flowers, such as can be used to advantage in floral designs.

Various Notes.

Sievers & Boland made several very fine floral pieces for the funeral of Mrs. James Johnson, at Claremont, last week.

George Robinson, a gardener in the employ of A. D. Pryal, assistant horticultural commissioner of Alameda county, was dangerously wounded by the accidental discharge of a gun on a hunting expedition last Thursday.

It has been announced that the sum of $100,000, allotted by the trustees of the Carnegie Institute to Luther Burbank will be available in annual installments of $10,000. This will enable Mr. Burbank to devote his entire attention for a few years to his experiments.

N. Symacopulos has left for a three months' trip to Europe. He recently disposed of his florist establishment to his nephew.

The Society Hortensia had a regular meeting in Becker's Hall, Oakland, last Saturday evening.

Ferrari Bros. are cutting some very good roses.

It is rumored that another Japanese company has bought land near Colma and will erect considerable glass, both for carnation and rose growing. G.

LYCOPODIUM.

Enclosed find a spray from a long, vine-like plant that grows in abundance in Washington. It has had no care whatever and has been picked at least six weeks. Is it of any commercial value to florists? It can readily be packed and shipped from Washington.

W. G. T.

The specimen is a branch from the Lycopodium annotinum, found growing plentifully on the Pacific coast from Alaska to California. It grows both on the low lands and on the wooded mountain sides. It is closely related to the eastern club moss but has not been made use of by the Pacific coast florists to any extent. Green material is very plentiful here and we have an abundance of ferns and mosses. As it keeps a long time without fading it should be of value for shipping to less favored localities and would probably be of considerable service in arranging with flowers and for decorating if someone would take the trouble to introduce it and demonstrate its merits. G.

DAHLIAS.

The dahlia is one of the best paying summer flowers that the florist can grow. The dwarf double white varieties are especially valuable for funeral work and

A Grand New Rose, Climbing

CAROLINE TESTOUT

Field-grown, strong, 3 to 4 feet high, 30c each; $3.00 per 12; $25.00 per 100. Also Climbing

Cecil Brunner

Field-grown, strong, 3 to 4 feet high, 15c each; $1.50 per 12; $12.00 per 100.

Araucaria Excelsa

From 2¼-inch pots, extra strong plants, with 2 and 3 tiers, 6 to 8 inches high, at $16 per 100.

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ROOTED CARNATION CUTTINGS

Big Stock.

ORANGE TREES

Write for Price List.

The Philippi Nurseries, Rocklin, Cal.

Philippi Bros., Props.

Dahlias Field Roots, Clifford W. Burton yellow ..... } $5.00 per 100
Storm King, pure white ..... }
A. D. Livoni, pink ..... }

Maid of Kent, red tipped, white, mixed ..... $4.00 per 100

The Brighton Seed & Floral Co.

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ASP. PLUMOSUS NANUS SEED

In quantities to suit. $2.25 per 1000.
Immediate delivery.

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CALIFORNIA CARNATION CO.

LOOMIS, CAL.

during the season between the going of the asters and the coming of the chrysanthemums there is no flower that will take the place of the white dahlia. The colored varieties are not so much in demand, unless for cheap decorations or bouquets, but as a garden flower it has few equals.

To obtain the best results with the dahlia I dig the clumps every year as soon as the frost has cut them down and pack them away in dry sawdust. I have had much better results when treating them in this way than when I left the clumps in the ground over winter, for, although they will stand considerable water, I always find that the tubers are more or less rotted after an extra wet winter or when they are planted in a situation where the drainage is not good. I replant the tubers generally about the first week in March, after having divided each clump in three or four parts.

As with almost all crops, I have found it a good plan to change the location every season, as the dahlias are gross feeders and easily exhaust the soil. It does not seem to make so much difference whether the soil be sandy or heavy loam as long as it is sufficiently fertilized, well rotted manure being the best material to use for this purpose.

The clumps should not be too heavily watered until after they have started to grow and after that it does not seem to be possible to give them too much moisture. Keep the ground free from weeds and well cultivated and the dahlia will be found to produce a good paying crop.

Unfortunately the green lady birds have a great fondness for the flowers and in some localities where there are no cool, foggy nights in the summer it is almost impossible to get any perfect blooms. I have tried many ways to get rid of the summer pest but have found that Paris green seems to be the most effective. I use one teaspoonful in a four-gallon watering pot and sprinkle the plants in the evening four successive days. After that once a week will be all that is necessary to keep these insects in check. It is only in some of the warmer situations where there is any trouble of this kind, for when the dahlias are planted where they get any of our ocean breezes, the destructive green lady birds cannot do any harm. One or two foggy nights seems to completely put them out of business. G.

Rooted Carnation Cuttings

..NOW READY..

These low prices good only up to December 25.

WHITE:	Per 100	Per 1000
Queen Louise	$1.00	$10.00
Flora Hill	1.00	10.00
Alba	1.40	12.50
Gov. Wolcott	1.00	10.00
Norway	1.00	10.00
Lillian Pond	1.40	12.50
Chicot	1.20	10.00
PINK:		
Mrs. Thos. Lawson	1.40	12.50
Enchantress	3.50	30.00
Mrs. Joost	1.00	10.00
Success	1.00	10.00
Mermaid	1.00	10.00
Cressbrook	1.00	10.00
Pres. McKinley	1.40	12.50
Mrs. Theo. Roosevelt	1.40	12.50
SCARLET:		
G. H. Crane	$1.00	$10.00
America	1.00	10.00

SCARLET:	Per 100	Per 1000
P. Palmer	$1.00	$10.00
Estelle	1.40	12.50
J. H. Manley	1.50	15.00
Apollo	1.50	15.00
CRIMSON:		
Harlowarden	1.40	12.50
Gov. Roosevelt	1.20	10.00
YELLOW:		
Golden Beauty	1.40	12.50
Eldorado	1.00	10.00
VARIEGATED:		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Stella	1.40	12.50
Armazindy	1.00	10.00
Viola Allen	1.20	11.00
Galety	1.20	11.00

Special prices on large lots. Unrooted pips at half price of above. 25 at 100 rate. 250 at 1000 rate. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

Loomis Floral Company, LOOMIS, CAL.

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200,000 ROOTED

Carnation Cuttings

NOW READY.

WHITE	Per 100	Per 1000
Queen Louise	$1.00	$10.00
Flora Hill	1.00	10.00
Gov. Wolcott	1.00	10.00
Alba	2.00	15.00
White Cloud	1.00	10.00
PINK		
Lawson	1.20	12.50
Marquis	1.00	10.00
Enchantress	3.50	30.00
Mrs. Joost	1.00	10.00
McKinley	1.40	12.50
Mermaid	1.00	10.00
Cressbrook	1.00	10.00

SCARLET	Per 100	Per 1000
Crane	$1.00	$10.00
America	1.00	10.00
Estelle	1.40	12.50
CRIMSON		
Harlowarden	1.40	12.50
YELLOW		
Eldorado	1.10	12.50
Golden Beauty	1.40	12.50
VARIEGATED		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Armazindy	1.00	10.00
Viola Allen	1.20	11.00

Unrooted Cuttings at one-half price of Rooted Cuttings.

Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

100,000 Pansy Plants at $10.00 a thousand.

Loomis Carnation Co.

Lock Box 115. **Loomis, Cal.**

Mention The Review when you write.

The Tottenham Nurseries Ltd.

(Established in 1872.)

Managing Director, A. M. C. VAN DER ELST.

Dedemsvaart, Holland.

Headquarters for **Hardy Perennials**, among which are the latest and choicest. 18 acres devoted for growing this line, including Anemone, Aster, Campanula, Delphinium, Funkias, Hemerocallis, Hepatica, Incarvillea, Iris, Peonies, Phlox decussata and suffruticosa, Primula, Pyrethrum, Tritoma, Hardy Heath, Hardy Ferns. Also 5 acres of Daffodils, 12 acres of Conifers, specially young choice varieties to be grown on; 8 acres Rhododendrons, including the best American and Alpine varieties: 2 acres Hydrangeas. We make it a point to grow all the latest novelties in these lines. Ask for catalog.

Mention The Review when you write.

COLORADO EVERGREEN SEED

Our seed is gathered at an altitude from 7,000 to 10,000 ft. and produces trees of extreme hardiness.

	Trade Pkt.
Abies Concolor	$ .25
Abies Douglasii	.25
Abies Grandis	.25
Picea Engelmanni	.25
Picea Pungens	.25
Pinus Aristata	.25
Pinus Ponderosa	.25
Pinus Flexilus	.25

The eight packets, postpaid, for $1.50. ☞ Our Picea Pungens are gathered from the very bluest trees in Colorado.

D. S. GRIMES & SON

3032 W. 32nd Ave., DENVER, COLO.

Mention The Review when you write.

Manetti Stocks

Just received in splendid condition.

No. 1, 5-10 mm., $10 per 1000; $95 per 10,000.

No. 2, 3-5 mm., $7.50 per 1000.

JACKSON & PERKINS CO. Newark, New York.

Mention The Review when you write.

"BEAUTIFUL GROUNDS"

☛An illustrated Manual containing suggestions on Lawn Making, Planting and care of Shrubs and Trees, with names and descriptions of varieties hardy and of merit. Also information regarding Landscape Plans, Topographical Surveys, etc. A book you will often refer to. Send for it to-day. Free on application.

Peterson Nursery, 504 W. Peterson Ave., Chicago, Ill.

Mention The Review when you write.

W. & T. SMITH COMPANY

GENEVA, N. Y.

Wholesale Growers of **ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety**

Send for our Wholesale Price List.

Mention The Review when you write.

EVERGREEN.

An **Immense Stock** of both large and small sized **EVERGREEN TREES** in great variety; also **EVERGREEN SHRUBS.** Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

Mention The Review when you write.

CALIFORNIA PRIVET 1, 2 and 3 YEARS

Also Cuttings. Any reasonable offer will be accepted on lots of 5,000 to carloads.

RIVER VIEW NURSERIES

J. H. O'HAGAN, Little Silver N.J.

Always mention the Florists' Review when writing advertisers.

HARDY NATIVE PENNSYLVANIA Rhododendrons

Large clumps 2 to 6 feet high, finest stock of Hardy Forest Rhododendrons in the United States, especially suited for planting on fancy lawns and large estates. Large orders especially solicited; can furnish 100 car loads; prices right.

Also 200,000 Extra Fine Apple Trees

Very cheap. A fine lot of

Plum, Pear, Peach, Cherry and Quince

a reasonable prices. Also a full line of small fruits. We solicit your inquiry and order, address

THE RIVERSIDE NURSERIES, Confluence, Pa.

Mention The Review when you write.

VAN DER WEIJDEN & CO.,

"The Nurseries," BOSKOOP, HOLLAND,

Have to offer **EXTRA FINE Blue Spruces** (Koster) from 2 to 5 ft. high. Taxus in all sizes. Conifers, hardy shrubs, H. P. Standard and Dwarf Roses. Crimson Rambler, etc., etc. Strictly first-class. Moderate prices.

Catalogue free on demand. No agents. For the trade only.

Mention The Review when you write.

ROSES FOR SPRING BLOOMING

The proper sorts. Clothilde Soupert. General Jacqueminot, Ulrich Brunner, La France. Magna Charta, Crimson Rambler, etc.: fine field-grown plants that have never been forced, suitable for 5-inch pots, at 7c.; larger for 6-in., at 12c. Crimson Rambler, XXX, long tops, 20c Large flowered Clematis, finest purple, lavender, white and red sorts, 2-year at 18c.; 1-year at 9c. Hydrangea pan. grand., fine bushy plants, 8c. Other shrubs, etc., in cellar, priced on application. Packing free for cash.

W. H. SALTER, Rochester, N. Y.

Mention The Review when you write.

Large, Strong, Well-rooted, Field-grown ROSES

Crimson Rambler, 2 to 3-feet, $6.00; 3 to 4-feet, $8.00; 5 to 6-feet, $10.00. Climbing Marie Guillot and Reine Marie Henriette, $10.00, Maman Cochet, Duchesse De Brabant, Clothilde Soupert, $9.50 per 100.

JUNIATA ROSE GARDENS, Decatur, Ga.

Mention The Review when you write.

Rhododendrons

Maximum, 6 inches	$5.00 per 100
Maximum, 12 inches	10.00 per 100
Maximum, 20 inches	15.00 per 100
Maximum, 30 inches	20.00 per 100
Maximum, 40 inches	25.00 per 100

Choice plants. Cash with first order. Send for price list of all kinds of Shrubbery, etc.

J. N. PRITCHARD, Elk Park, N. C.

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

THE American Peony Society will hold its annual exhibition at Chicago in June.

OLMSTED BROS. have prepared a plan for the development of the parks of Atlanta, Ga.

IRA W. DEMOSS is operating the nursery at Alpha, Ill., formerly conducted by W. M. Wirt.

THE Pennsylvania railroad is prosecuting a carefully considered plan for growing its own tie timber. It is doing much planting.

THE Otto Grundmann Co., Secaucus, N. J., has been incorporated, with $20,000 capital stock, to do a general nursery business.

THE Dingee & Conard Co., West Grove, Pa., features the Baby Rambler rose on the cover of its catalogue and claims the largest stock in America.

THE U. S. Department of Agriculture has issued a catalogue of American apples from 1804 to 1904, compiled by W. H. Ragan and published as Bulletin No. 56, Bureau of Plant Industry.

G. S. GILBERTSON, of St. Ansgar, has bought 200 acres of land near Mason City Junction, Iowa, and will go into the nursery and seed business on a large scale.

J. WOODWARD MANNING, for some years associated with his brother, Warren H. Manning, as a landscape architect, has decided to devote the bulk of his time to the care of the old established nursery business in Reading, Mass., so long managed by his father.

SOME well known English nurserymen say that the Myrobalan plum is much superior to the thorn for hedging purposes, that is as regards quickness of growth and impenetrableness of fence. It also makes a pretty hedge if trimmed annually, as all hedges should be. The plants will grow almost anywhere and under the most ordinary conditions.

P. LAMBERT, Germany's famous rosarian, suggests in a note to Rosen-Zeitung the practicability of working the Baby Rambler (Mme. Norbert Levavasseur) on to the original Crimson Rambler rose. He believes that any attempt in this direction in the way of grafting or budding would be followed by certain success. Most climbing roses of the multiflora class, he thinks, could thus be made to flower continually or at least repeatedly during a season.

A CARLOAD of nursery stock from three French nurserymen was cleared through the custom house at Portland, Ore., January 27. On the invoice were 185,000 fruit tree stocks, 6,000 English walnuts, 2,500 hollies, 3,000 conifers, and a long list of ornamental trees and shrubs. They were for J. B. Pilkington and make the third carlot received by him this season, the first containing 3,500 Holland-grown rhododendrons and azaleas, while bay trees from Belgium were the bulk of the second car. The duties paid amounted to about $600.

THE CORELESS APPLE is supplying the penny-a-liner with capital material for the exercise of his talents, and it need not be said that he is taking full advantage of his opportunities. In one of our daily contemporaries we are informed that "the trees are almost blossomless, so that they have little to fear from spring frosts. The annual loss to the fruit growers of the world from late frosts and codlin moth cannot be less than £5,000,000, but by the introduction of the new apples this will be prevented. The absence of seed makes the fruit wormless, because the voracious apple worm lives on the seed."—Gardeners' Magazine.

HYDRASTIS CANADENSIS.

Can you tell me where I can get seeds of Hydrastis Canadensis, or golden seal?

G. E. T.

We are not aware of any American firm which offers seeds of Hydrastis Can-

MY MARYLAND

Was the sensation of the Chicago Exhibition. Easily outranks any other white. Awarded First-class Certificate of Merit by the American Carnation Society, Lawson Bronze Medal for 100 blooms and S. A. F. Bronze Medal for 50 blooms. We predict that this variety will easily displace any other white.

We are booking orders now for delivery January, 1906. **Price, $2.50 per doz.; $12.00 per 100; $100.00 per 1000.** Write us for other new and standard varieties.

H. WEBER & SONS, - Oakland, Md.

Mention The Review when you write.

idensis. It may be procured of Martin Grashoff, Quedlinburg, Germany, probably also from Thompson & Morgan, Ipswich, England, who make a specialty of perennial seeds. As the seed is of uncertain germinating quality, as a rule we think it would give better satisfaction if plants were secured. These may be had of the Blue Hill Nurseries, South Braintree, Mass., and others.

W. N. C.

FRUIT MEN SPEAK.

The Northwestern Fruit Growers' Association, representing three-fourths of the fruit growers of the state of Washington, have asked the legislature to repeal a feature of the present horticultural law making a large bond compulsory for nurserymen doing business in the state. This bond, members of the fruit growers' association declare, is driving the nursery business out of Washington into Oregon. The tree buyers ask that the bond he discarded entirely, or, at the worst, made very low.

For their own protection the fruit men ask that the law prohibit the sale of fruit infested with San Jose scale and require the labeling of each package with the grower's name, the contents and quality.

SIZE OF BOILER.

What size of horizontal tubular boiler should I use to heat four greenhouses as follows: One lean-to 6x50, one three-quarter span house 17x50, both houses for palms, ferns, flowering and bedding plants; two houses 16x100 for carnations? The temperature very seldom falls to zero. C. A. M.

Your houses require a boiler capable of supplying about 1,250 feet of radiation. A boiler with about 175 feet of heating surface should be capable of supplying this amount of radiation. A return tubular boiler three feet in diameter, eight feet long and carrying twenty-eight 3-inch flues should be amply large. In fact, it will have a considerable factor in reserve, but it is always a good plan to have more power than one really needs. L. C. C.

AKRON, O.—D. L. Hollinger has succeeded to the business of S. W. Pike.

FITZGERALD, GA.—Joel Thomas reports unusually cold weather, doing some injury to stock and making business dull.

.....FINE ROOTED.....

CARNATION CUTTINGS

From sand of Enchantress and Fair Maid, $3.00 per 100; $25.00 per 1000. Same varieties from pots. $3.50 per 100; $30.00 per 1000. Cash with order.

J. W. FOOTE, - MALDEN, MASS.

Mention The Review when you write.

ROOTED CUTTINGS

Roses—Bride, Chatenay, Gate, Perle and Ivory, $2.00 100; Uncle John and Beauty, $3.00 100.
Carnations—Mrs. M. A. Patten, $5.00 per 100; D. Whitney, Enchantress, 4c; White Cloud, Joost, Morning Glory, Gov. Wolcott, Q. Louise, $1.50 per 100. Special price on large lots.

J. F. AMMANN, Edwardsville, Ill.

Mention The Review when you write.

Carnation Rooted Cuttings

	Per 100	Per 1000
WHITE LAWSON	$6.00	$50.00
FLAMINGO	6.00	50.00
ENCHANTRESS	3.00	25.00
THE QUEEN	2.50	20.00
THE CARDINAL, from 2-in. pots	12.00	

LARCHMONT NURSERIES, Larchmont, N. Y.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

	Per 1000		Per 1000
Enchantress	$25.00	Adonis	$25.00
Lord	10.00	Estelle	12.50
Angel	10.00	Bradt	10.00
Lawson	12.50	Peru	10.00
Flora Hill	10.00	Queen Louise	8.00

Cash or C. O. D.

PERCY JONES, 58-60 Wabash Ave., CHICAGO

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

DOLTON, ILL.—Charles Vandenburg has succeeded to the business of Charles Milhahn.

DAVENPORT, IA.—Monday, February 13, has been set as the date for the sale of the florist stock of Otto Klingbiel, bankrupt. Trustee W. L. Bowers will have charge of the sale, which will take place at the store, 307 Brady street. The stock and that at the greenhouses on Rockingham road and Fairmount, including the houses, fixtures and appliances, will be sold.

60,000 Grafted Rose Plants

We are now grafting on the best English Manetti the above amount of all selected flowering wood ready for delivery April 1st, in 2½-inch pots, well established and hardened off.

Brides and Bridesmaids, per 100, $10.00.

La Detroit, Gen. MacArthur and Liberty, per 100, $12.00.

ROOTED CUTTINGS.

Bride, Bridemaid and Chatenay, per 100, $1.50.
Perle and Liberty, per 100, $2.50.

Carnations

Rooted Cuttings Now Ready.

	Per 100	Per 1000
Gov. Wolcott	$1 50	$12 50
White Cloud	1 50	12 50
Norway	1 50	12 50
Mrs. Lawson	1 50	12 50
Morning Glory	1 50	12 50
Joost	1 50	12 50
Enchantress	3 00	25 00
Crusader	5 00	40 00
Crane	1 50	12 50
America	1 50	12 50
Estelle	3 00	25 00
Gaiety	2 00	15 00
Prosperity	1 50	12 50
Flamingo	6 00	50 00

All Plants Shipped from Hinsdale.

Bassett & Washburn,

Greenhouses, Hinsdale, Ill.

Office & Store **76 Wabash Ave., CHICAGO.**

Mention The Review when you write.

Strong Rooted Carnation Cuttings

	Per 1000		Per 1000
Enchantress	$30.00	Adonis	$25.00
Lord	10 00	Flamingo	50.00
Angel	10.00	Estelle	15.00
Lawson	10.00	Bradt	10.00
Gov. Wolcott	10.00	Mrs. M. A. Patten	40.00
Flora Hill	10.00	Peru	10.00
Boston Market	20.00	Queen Louise	8.00

Cash or C. O. D.

SOL. GARLAND, Des Plaines, Ill.

Mention The Review when you write.

THE BEST WHITE CARNATION IS

Lieut. Peary (WARD)

CERTIFICATED 90 POINTS.

PEDIGREE—White seedlings for several generations. **COLOR**—Snow white. **FRAGRANCE**—Very strong clove, decidedly fresh, and pleasing. **SIZE**—Large, averaging 3 inches in diameter on strong stiff stems, 18 to 20 inches in length. **FLOWER**—Full, broad petaled and high center and of a fine symmetrical form. **CALYX**—Long, strong and does not burst. Fine keeper and excellent shipper. **HABIT**—Strong and erect. **GRASS**—Medium width. **CONSTITUTION**—Very vigorous and free from disease. Cuttings root rapidly and will be sent out in the most perfect condition. Commences blooming October 15th and flowers continuously throughout the winter, affording an abundant crop. A first-class commercial variety in every respect. Now booking orders.

Price, $12.00 per 100; $100.00 per 1000.

COTTAGE GARDENS CO., Queens, N.Y.

Incorporated.

ALSO THE FOLLOWING NOW READY:

3000 ETHEL WARD, 2000 THE PRESIDENT, 2000 WHITE LAWSON	$7.00 per 100. $60.00 per 1000.
5000 ENCHANTRESS, 2000 CHRISTMAS EVE	$4.00 per 100. $30.00 per 1000.
2000 GOLDEN EAGLE	$5.00 per 100; $40 per 1000.
1000 HARRY FENN, 5000 LAWSON	$3 00 per 100. $25.00 per 1000.
2000 PROSPERITY	$2.00 per 100; $15 00 per 1000.
3000 MACKINAC, 2000 THE BELLE, 2000 LADY BOUNTIFUL, 3000 JUDGE HINSDALE, 2000 MRS. PATTEN, 2000 NELSON FISHER, 2000 OCTOROON, 2000 FLAMINGO	$6.00 per 100. $50.00 per 1000.

50 of a kind at 100 rate; 250 of a kind at 1000 rate.

Mention The Review when you write.

PITTSBURG.

The Market.

We have spent the week in the throes of a blizzard and have experienced the coldest weather of the winter, the thermometer dropping to 7 degrees below zero, still I have not heard of any damage to any of the greenhouses in this vicinity. While some found a shortage of gas, they were in shape to help out with coal. However, the retail dealers suffered, as part of the week was too cold for people to get out and materially affected trade. Among the wholesalers there did not seem to be much complaint and very little stock came in frozen, which reflects credit on our express agents, who are now giving the florists more consideration and attention than ever before. At the Union station, Adams Express Agent Hiner, has one man whose duty it is to get the flowers from among the other freight and see to their immediate delivery. Quite frequently we see boxes wrapped in blankets while being hauled to their destination.

Various Notes.

Ed. McCallum, of the Florists' Exchange, got back to work Friday after a ten days' siege of grippe.

J. S. Salmons, of the Washington Floral Co., is consigning the Pittsburg Cut Flower Co. some very fine Maids, Brides and Meteors. M. C. Dunlevy & Sons are sending the same firm their cut of Golden Spur narcissi.

Samuel McClements, of Randolph & McClements, and Karl Klinke, bookkeeper for the Cut Flower Co., are the sick this week.

William Paul Bender, formerly of Philadelphia, has taken a position as gardener with Mrs. E. A. Williams.

Visitors the past week were: Martin Reukauf and B. Eschner, Philadelphia, and Mr. Dykes, of Jansen & Co., New York.

Hoo-Hoo.

Boston, Mass.—On a protest of N. F. McCarthy & Co. the Board of Appraisers has held that chip baskets are not manufactures of willow.

Bloomsburg, Pa.—J. L. Dillon was so well pleased with Carnation Crisis, raised by Davis Bros., that he bought about one-third of the stock plants last season. Both Messrs. Davis and Dillon report a good demand for the cuttings.

$10 per 100 $40 per 500 $75 per 1000

Red Lawson will Bloom

3 to 1 against any other RED Carnation on the market

$10 per 100 $40 per 500 $75 per 1000

8000 BLOOMS Cut and Sold Xmas Week at $1.50 per doz.

Palmer's RED LAWSON

8000 BLOOMS Cut and Sold Xmas Week at $1.50 per doz.

$10 per 100 $40 per 500 $75 per 1000

50,000 CUTTINGS SOLD

and not a word of complaint

FINE, STRONG, HEALTHY CUTTINGS

$10 per 100 $40 per 500 $75 per 1000

W. J. PALMER & SON, Lancaster, N. Y.

Mention The Review when you write.

ROOTED CARNATION Cuttings, Now Ready

White Lawson, Flamingo, Lady Bountiful, M. A. Patten, Nelson Fisher, Albatross,

The above at $5 per 100; $40 per 1000.

The following at $3 per 100; $25 per 1000.

Enchantress, Boston Market, The Queen, Fairmaid.

Imperial Greenhouses, Utica, N. Y.

Mention The Review when you write.

Rooted Cuttings **CARNATIONS** Clean and Healthy

MRS. M. A. PATTEN	$6.00	per 100
NELSON FISHER	7.00	"
ENCHANTRESS	3.00	"
WOLCOTT	2.00	"
BOSTON MARKET	2.00	"
J. H. MANLEY	2.00	"
MACEO	2.00	"

SIDNEY LITTLEFIELD, North Abington, Mass.

Mention The Review when you write.

MODEL EXTENSION Carnation Supports.

ALSO

Wire Rose Stakes and Tying Wire.

Manufacturers,

Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

CARNATIONS

Petunias Salvias

STRONG ROOTED CUTTINGS.

	Per 100	1000		Per 100	1000
N. Fisher	$5.00		Wolcott	$2.00	$18.00
Indianapolis	4.00		Glacier	1.50	14.00
Enchantress	2.50	$24.00	Mrs. Lawson	1.50	14.00
B. Market	2.00	18.00	Prosperity	1.50	14.00
Estelle	2.00	18.00			

Petunias—Double Fringed. We are headquarters for these. Six distinct novelties, labeled, $1.25 per 100; $10.00 per 1000.

Salvias—The two best. Drooping Beauty, (dwarf), Bonfire, (tall), $1.00 per 100; $8.00 per 1000.

Send for our descriptive list.

The W. T. Buckley Co.

SPRINGFIELD, ILL.

Mention The Review when you write.

CARNATION CUTTINGS

Well Rooted from Selected Stock.

	Per 100	Per 1000
NELSON FISHER	$7.00	$60.00
MRS. M. A. PATTEN	6.00	50.00
FLAMINGO	6.00	50.00
CRUSADER	6.00	50.00
D. WHITNEY	5.00	40.00
ENCHANTRESS	4.00	30.00
H. FENN	3.00	25.00
MANLEY	3.00	25.00
FAIR MAID	2.50	20.00
QUEEN	3.00	25.00

BACKER & CO., Billerica, Mass.

CARNATIONS, Rooted Cuttings.

	Per 100	Per 1000
PHYLLIS	$12.00	$100.00
CHICAGO WHITE	12.00	100.00
RICHMOND GEM	10.00	75.00
THE BELLE	5.00	45.00
CRUSADER	5.00	45.00
INDIANAPOLIS	5.00	45.00
ENCHANTRESS	$3.00	$25.00
BOSTON MARKET	2.50	20.00
NELSON	1.50	12.50
ADONIS	2.50	20.00
LAWSON	1.50	12.50
MORNING GLORY	1.50	12.50
JOOST	$1.00	$9.00
HIGINBOTHAM	1.00	9.00
FLORA HILL	1.00	9.00
QUEEN LOUISE	1.00	9.00
PERU	1.00	9.00
GUARDIAN ANGEL	1.00	9.00

ROSES!

Rooted Cuttings

	Per 100	Per 1000
CHATENAY	$2.50	$20.00
UNCLE JOHN	2.50	20.00
BRIDESMAID	1.50	12.50
BRIDE	1.50	12.50
IVORY	1.50	12.50
PERLE	1.50	12.50

From 2 1-2 inch Pots.

	Per 100	Per 1000
RICHMOND	$30.00	$250.00
ROSALINDORRENG.	25.00	200.00
LA DETROIT	6.00	50.00
CHATENAY	4.00	30.00
SUNRISE	4.00	30.00
PERLE von Godesberg.	5.00	40.00
LIBERTY	$5.00	$45.00
UNCLE JOHN	4.00	35.00
KAISERIN	4.00	30.00
BRIDESMAID	3.00	25.00
BRIDE	3.00	25.00
IVORY	3.00	25.00
PERLE	3.00	25.00

All plants sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

PETER REINBERG, Telephone 2846 Central, **51 WABASH AVE., CHICAGO**

Mention The Review when you write.

Carnations!

ROOTED CUTTINGS READY NOW.

Clean, Healthy Stock, Well Rooted.

RED	Per 100	Per 1000
Crusader	$ 5.00	$ 45.00
Estelle	1.50	12.50
Mrs. Ine	1.50	12 50
Flamingo	5.50	45.00
LIGHT PINK		
Gibson Beauty	12.00	100.00
Enchantress	3 00	25.00
Mrs. Higinbotham	1.00	9.00
PINK		
Mrs. Lawson	1.50	12.50
Mrs. Nelson	1.50	12.50
Guardian Angel	1.00	9.00
Mrs. Joost	1.25	10.00
Genevieve Lord	1.25	10.00
Nelson Fisher	6.50	55.00
WHITE		
Boston Market	2.50	20.00
Peru	1.00	9.00
White Cloud	1.50	12.50
Queen Louise	1.00	9 00
Flora Hill	1.00	9.00
VARIEGATED		
Mrs. M. A. Patten	5.50	45.00

Rooted Rose Cuttings—

American Beauty	3.00	25.00
Liberty	3.00	25.00
Bridesmaid	1.50	12.50
Bride	1.50	12.50
Ivory	1.50	12.50
Golden Gate	1.50	12.50

GEORGE REINBERG

51 Wabash Ave., **CHICAGO**

—UNROOTED—

CARNATION CUTTINGS

The following at $3 per 100; $25 per 1000.

White Lawson, M. A. Patten,
Flamingo, Nelson Fisher,
Lady Bountiful, Crusader,

The following at $2 per 100; $15 per 1000.

Enchantress, The Queen,
Boston Market, Fairmaid.

Imperial Greenhouses, Utica, N. Y.

ROOTED CARNATION CUTTINGS

WHITE.	Per 100	Per 1000
May Naylor	$2 50	$20 00
Queen	2 50	20 00
Queen Louise	2 00	15 00
Gov. Wolcott	2 00	15 00
Boston Market	2 00	15 00
VARIEGATED.		
Mrs. Patten	6 00	
Prosperity	2 50	20 00
Judge Hinsdale	4 00	
PINK.		
Enchantress	$3 50	$30 00
Lawson	2 00	15 00
Fair Maid	2 00	15 00
Ethel Ward	4 00	
Nelson Fisher	6 00	
CRIMSON.		
Harlowarden	2 50	20 00
Octoroon	4 00	
Harry Fenn	2 50	20 00

SCARLET.

Flamingo, 100, $6. Gov. Bliss, 100, $2.50; 1000, $20. Crane, 100, $2.00; 1000, $15.00

		Per 100	Per 1000
POT GROWN CARNATIONS, 2-INCH STOCK.	Lawson, Queen Louise, Prosperity,	$4 00	$30 00
	Harlowarden	5 00	40 00
	Enchantress	6 00	50 00

GRAFTED ROSES ON STRONG ENGLISH MANETTI STOCK.

Bridesmaid, Bride, Ivory, Golden Gate, Chatenay $120 00
Uncle John, La Detroit, Gen. MacArthur $18 00

SAMUEL S. PENNOCK, 1612-14-16-18 LUDLOW ST., **PHILADELPHIA.**

READY NOW—ROOTED CUTTINGS

That will Give Satisfaction

	Per 1000		Per 1000
Lawson	$12.50	White Cloud	$10.00
Prosperity	12.50	Joost	10.00
Flora Hill	10.00	Marquis	10.00
Queen Louise	10.00	Quality is our hobby.	

W. C. HILL FLORAL CO., Streator, Ill.

Mention The Review when you write.

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.
CARNATIONS OUR SPECIALTY

Mention The Review when you write.

ROOTED CUTTINGS

Of early Chrysanthemums, Opah, Mme. Bergmann, Willowbrook and October Sunshine.

Rooted Cuttings of Violets of all kinds.

ELI CROSS, Grand Rapids, Mich.

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FRED BURKI

is the commercial white carnation you ought to grow. It will pay you well to invest in it. All orders booked now are for March delivery.

S. S. SKIDELSKY, Philadelphia.
JOHN MURCHIE, Sharon, Pa.

Carnations Rooted Cuttings

FINE HEALTHY STOCK

	Per100	Per 1000
ENCHANTRESS	$3.50	$30.00
QUEEN	2.50	20.00
LAWSON	2.00	15.00
QUEEN LOUISE	2.00	15.00
WOLCOTT	2.00	15.00
FLORIANA	1.50	12.50
LORD	1 25	10.00

ROBERT C. PYE, NYACK, N. Y.

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THE NEW ROSE **WELLESLEY**

IS A WELCOME ADDITION TO THE LIST OF FORCING ROSES.

Color is bright pink, with reverse of petals clear silvery pink, thus producing a combination that is exceedingly effective either in daylight or artificial light. Growth is very free and exceptionally vigorous and will prove satisfactory every month in the year. Delivery strictly in rotation, beginning April first. PRICES: Own Root—$25 per 100; $55 per 250; $100 per 500; $200 per 1000. Grafted—$30 per 100; $70 per 250; $130 per 500; $260 per 1000.

Waban Rose Conservatories, Natick, Mass.

JOHN N. MAY, - - SUMMIT, NEW JERSEY.

WASHINGTON.

Business for the past week has been practically tied up. The thermometer at 6 and 8 degrees staring us in the face, with snow and a good mixture of northwest winds, caused stock of all kinds to be scarce, consequently bringing high prices. Beauties are scarce and bring $6 to $12 per dozen, Maids and Brides, $10 to $15 per hundred; carnations, $2 to $4. Tulips and all Dutch stock are coming in fine, but are a drug on the market and do not go at all.

During the freeze-up last week Mr. Bissett lost a whole house of violets, also Ley Bros. had a house of carnations frozen up. Both have the sympathy of the craft. Quite a few of the others had a narrow call.

Vice-President Freeman is quite busy hustling around getting the S. A. F. souvenir book in shape. F. H. K.

Snow and continued cold weather do not seem to check the flower business. At present decorations and dinners keep the boys on the jump. A. Gude & Bro. had a decoration for the Tautalus Club which called for four wagon-loads of plants on February 4. Luckily none was nipped.

Gude & Bro. do not want to go on record with the disappointed florists on McKinley day. They had a big demand for carnations and their sales were far beyond their expectations. They had a McKinley window, decorated with carnations, and handled 4,000 carnations over the retail counter. Wm. F. Gude has been laid up with a severe cold but is able to be about again.

J. H. Small & Son are getting in shape for the inaugural ball.

Wm. Smith, formerly with F. H. Kramer, has taken a position with Henry Pfister. Rambler.

Broadripple, Ind.—The Dow Floral Co. has been organized to take over the business of the Bellevue Conservatories. The officers are: President, W. S. Dow; vice-president, Thos. Dow; secretary, T. C. Dow; treasurer, E. B. Dow.

NICE CLEAN STOCK!

Rooted Carnation Cuttings Cheap.

Enchantress, Nelson Fisher, M. A. Patten, Gov. Wolcott, Boston Market, White Cloud and Mme. F. Joost. Also unrooted of last two varieties. PRICES ON APPLICATION.

C. G. VELIE & SON,

Valley View Greenhouses. **Marlborough, N.Y.**

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500,000 VERBENAS — 60 — VARIETIES

The Largest and Finest Stock in the Country.
PERFECTLY HEALTHY — NO RUST

Rooted Cuttings—Per 100, 60c; per 1000.....$5.00
Plants—2½-inch pots, $2.50 per 100; per 1000.....$20.00

300,000 CARNATIONS ROOTED CUTTINGS CLEAN AND HEALTHY

CRISIS—New Commercial Scarlet; per 100, $12.00; per 1000, $100.00

	100	1000
Mrs. Patten	$6.00	
Judge Hinsdale	4.00	
Lady Bountiful	5.00	
Enchantress	$3.00	$25.00
Mrs. Lawson	2.00	15.00
Adonis	2.50	20.00
Harry Fenn	2.00	15.00
Gov. Roosevelt	1.50	12.00
Mrs. P. Palmer	1.25	10.00
Flamingo	$6.00	
Dorothy Whitney	3.00	
Golden Beauty	3.00	
The Queen	$2.50	$20.00
Mrs. E. A. Nelson	1.50	12.00
White Cloud	1.50	12.00
Dorothy	1.25	10.00
Wm. Scott	1.25	10.00
Queen Louise	1.25	10.00
Buttercup	$3.00	
Prosperity	2.00	
Mrs. J. H. Manley	2.50	
Floriana	$1.25	$10.00
Lorna	1.25	10.00
Eldorado	1.25	10.00
Mrs. Joost	1.25	10.00
Flora Hill	1.25	10.00
Portia	1.25	10.00

60,000 GRAFTED ROSES for Forcing—The Finest Grown

Orders booked for delivery in April, May and June.

Liberty, rose pots, 12.00 per 100; 3½-inch pots, per 100.....$18.00
Bride, Maid, Golden Gate, Kaiserin, rose pots, $10.00 per 100; 3½-inch pots, per 100.....$15.00

SEND FOR PRICE LIST.

J. L. DILLON, Bloomsburg, Pa.

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ARE You Looking for a Scarlet that Does Not Go to Pieces as Soon as Warm Weather Sets In.

FLAMBEAU Is a seedling from Flora Hill and stands hot weather as well as its parent. Good in winter, too. Our most satisfactory scarlet.

INDIANA MARKET does not burst. It always has a beautiful round form and is the freest blooming white carnation we have. A fine bloomer both winter and summer. Strong clove scent. Fine keeper.

BEATRICE is the freest and most profitable light pink carnation on the market. Long stems, no burst calyx and a fine color. Just what you want in large quantities for moderate priced blooms for your every day trade. These three are not giant, fancy, shy-blooming exhibition sorts, but are every day bread and butter sorts. They won't let you go hungry. All three were awarded Certificates of Merit, Nov. 15, 1904, by the State Society of Indiana Florists. **$10.00 per 100; $80.00 per 1000.**

Get our price list of the cream of last year's novelties, as well as standard sorts.

INDIANAPOLIS is the freest blooming and most profitable deep pink carnation on the market. $5.00 per 100; $45.00 per 1000.

BAUR & SMITH, CARNATION CUTTINGS A SPECIALTY. 38th St. and Senate Ave., **INDIANAPOLIS, IND.**

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THE CARDINAL WINS!

MAINTAINS ITS GOOD REPUTATION OF LAST YEAR

RECORD at the CHICAGO CONVENTION

1st for best 100 SCARLET, open to all
1st for best 50 CARNATIONS, any color, open to all
1st for best 50 Undisseminated SCARLET

Wins the Praise of All Who See It Growing—Place Your Order Now and Get Early Delivery

Rooted Cuttings, $12.00 per hundred; $100.00 per thousand

DISSEMINATORS.... S. S. SKIDELSKY, Philadelphia, Pa.
E. G. HILL CO., Richmond, Ind.
CHICAGO CARNATION CO., Joliet, Ill.

Chrysanthemum Novelties

We are headquarters for the best new varieties. Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Mileham, Lady Cranston, A. J. Miller, Mrs. D. V. West, etc., etc. Complete list now ready. Send for a copy.

CHARLES H. TOTTY, MADISON, N. J.

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Carnation Rooted Cuttings

	Per 100	Per 1000
Lady Bountiful	$6.00	$50.00
The Belle	6 00	50 00
Flamingo	6.00	50.00
Nelson Fisher	6.00	50 00
Mrs. Patten	6.00	50 00
Enchantress	3 50	30.00
Prosperity	3.00	25.00
Manley	3.00	25.00
Boston Market	3.00	25 00
Nelson	3.00	25.00
Harry Fenn	2.50	20.00
Gov. Wolcott	2.50	20.00
Adonis	2.50	20.00
Lawson	2.00	17.50
Fairmaid	2.00	17.50
White Cloud	1.50	12.50
Morning Glory	1.50	12.50
Joost	1.25	10 00
Triumph	1.25	10.00

500 at 1000 rate.

FERNS: Boston Ferns, 2½-inch, $5.00 per 100; 3-inch, at $8.00; 4-inch, at $15 00; 5-inch, at $25.00; 6 inch, at $40.00; 7-inch, at $90.00.

CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

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Carnation Cuttings.

	Per 100	Per 1000
ENCHANTRESS	$3.50	$30.00
FAIR MAID	2.50	20.00
QUEEN	3.00	25.00
QUEEN LOUISE	2.00	15.00
LAWSON	2.50	20.00
CRESSBROOK	2.00	15.00
CHALLENGER	2.00	15.00
MACEO	2.00	15.00
H. FENN	3.00	25.00
PROSPERITY	2.50	20.00
MRS. BRADT	3.00	25.00
FIANCEE	12.00	100.00

C. WARBURTON, Fall River, Mass.

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ROOTED CARNATION CUTTINGS!

We have a big stock of cuttings ready for delivery—clean, well rooted, as good stock as we ever sent out and as good as you could ask. **As a Leader** we offer

MRS. LAWSON, $1.25 per 100; $10.00 per 1000.

	Per 100	Per 1000
WHITE—		
Boston Market	$2.00	$18.00
Flora Hill	1.00	9.00
RED—		
Estelle	1.50	12.00
Mrs. Ine	1.50	12.00
VARIEGATED—		
Stella	2.00	15.00
CRIMSON—		
Roosevelt	$1.50	$12.00
Harry Fenn	2.00	15.00
PINK—		
Lawson	1.25	10.00
Mrs. Nelson	1.50	12.00
Triumph	1.50	12 00
Guardian Angel	1.00	9.00

All goods sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

J. A. BUDLONG, 37-39 Randolph Street, **CHICAGO**

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RED SPORT (Of Maceo.)

Red Sport has proved the greatest money-maker we ever grew, producing more good blooms to the square foot of bench room than any other variety on the place. During the glut the first part of January we could only get four cents for fancy Lawson and sold every Red Sport we had at five cents. Every grower who was here in December was carried away with its possibilities, as a future supply of a "holly berry red" for Xmas. There is no pick in the blooms. They are all a uniform size and color. There are 40,000 or 50,000 buds showing in different stages of development at this time and there is not a split or off color bloom in the lot and every plant is the picture of health. We will plant 20,000 plants of Red Sport for next season's bloom and the cut is already engaged by two of Washington's leading retailers. Red Sport is an easy doer and everyone can grow it as successfully as we can. Price for Feb. 20th delivery—12 for $1.50; 25 for $2.50; 50 for $4.00 post-paid; $6.00 per 100; $50.00 per 1000. We guarantee stock to arrive in good condition and be well rooted.

A. B. DAVIS & SON, Carnation Specialists, PURCELLVILLE, VA.

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KANSAS CITY.

The Market.

A week of snow and intense cold has made things look very gloomy here and stock, especially roses, is of very poor quality and prices are weak. Some good stuff is coming in from outside points and prices are averaging good. Carnations are looking well. Some fine Enchantress and Lawson are to be seen. Tulips are more plentiful, while hyacinths, freesias and valley are coming in and are looking fine. Violets and sweet peas are at their best. An unusually large number of funerals the past week has about cleaned up all stock and there are enough advance orders to take all the stock in sight.

Various Notes.

Your correspondent visited the greenhouses of A. F. Barbe last week and noted the big improvements that have been added to his extensive establishment. A large, two-story building has been erected, with an office in the lower part and the upper part used as a dwelling for the night fireman. There are two rose houses 25x147 filled with Bride, Maid, Ivory and Golden Gate which are looking fine; four houses for carnations 20x80 each in which there are some excellent Lawson, Enchantress, Flamingo and Jubilee. The other houses are filled with bedding stock, in charge of Sam Willis.

Ed. Ellsworth, manager for G. M. Kellogg, is confined to his home by the grippe. His place is ably filled by P. G. Bradbury, assistant manager.

Ed. Bunyar, of Independence, is sending in some of the finest violets seen here for some time, which find a ready sale.

It is rumored that a new firm is about to locate here. A lease on an acre of ground has been secured on the south side, on which will be erected immediately four houses 30x122, to be devoted to roses. Later other houses will be added as needed. The new firm will be known as the Kansas City Cut Flower Co.

The W. L. Rock Flower Co. is showing some very good stock. Mr. Rock reports a very large business the past week, principally funeral work, and has already booked some very large orders for weddings and receptions the coming week.

John Schneider, on Walnut street, reports business good.

The Misses Dalley are still confined to their home by sickness. Mr. Linquist is in charge of the store.

Geo. M. Kellogg, of Pleasant Hill, was a visitor last week. Mr. Kellogg contemplates adding another 100,000 feet of glass to his already extensive establishment.

The Alpha Floral Co. is well pleased with business.

Lawrence Schwager reports business as above the average. He has some good stock on exhibition at his store.

Narcissus.

BOSTON FERNS!

2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.

DAVIS BROS.,

Morrison, Ill., and Geneva, Ill.

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TIME ENOUGH YET

TO FORCE A FEW

Phila. Rambler Roses For Easter

Its large clusters of very double, bright crimson flowers and its lasting quality make it one of the very best forcing roses. Well-branched plants, 3 to 4 feet, $2.50 per doz.; $17.50 per 100; $150.00 per 1000.

Scottii Fern

2½-inch.....$2.00 per doz.; $12.50 per 100
3-inch..... 3.00 per doz; 20.00 per 100
4-inch..... 5.00 per doz.

THE CONARD & JONES CO., WEST GROVE, PA.

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FORCING STOCK FOR EASTER

AZALEA MOLLIS—Full of buds, nice even heads, force easily, 12 to 15 inches high, $30.00 per hundred; 15 to 18 inches high, $40.00 per hundred.
DEUTZIA GRACILIS—Grown especially for pot culture; very bushy; 12 to 15 inches high, for 6-inch pots $6.00 per hundred; 15 to 18 inches high, for 7 or 8-inch pots, $8.00 per hundred.
DEUTZIA LEMOINEI—Similar to Gracilis, but stronger grower; 15 to 18 inches high, for 6-inch pots, $8.00 per hundred; 18 to 24 inches high, for 7 or 8-inch pots, $10.00 per hundred.
RHODODENDRONS—Best named Hybrids, bushy and full of buds; 20 inches high, $9.00 per dozen; 24 inches high, $12.00 per dozen; 30 to 32 inches high (heavy), $24.00 per dozen.
SPIRAEA JAPONICA—$3.00 per hundred.
SPIRAEA NANA COMPACTA—$4.00 per hundred.

THE STORRS & HARRISON CO., - PAINESVILLE, OHIO

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TELEGRAPH Geranium

For bedding out, conservatory or window. Pronounced by the most competent judges, the grandest geranium in commerce. Awarded first-class certificates and diplomas. Telegraph has commanded more notice and received more honors than any geranium disseminated. Will sell at sight and give satisfaction. 2¼ in. strong plants. $15.00 per 100. On sale by the leading houses and **Thos. DeVoy & Son, Poughkeepsie, N.Y.**

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Rooted Cuttings

PELARGONIUMS, 15 var., $2.25 per 100.
VERBENAS, 30 var., 60c per 100; $5.00 per 1000.
HELIOTROPE, 12 var., $1.00 per 100; $8 per 1000.
PETUNIAS, 20 var., $1.25 per 100; $10.00 per 1000.
SALVIAS, 6 var., $1.00 per 100; $8.00 per 1000.
GIANT ALYSSUM, $1.00 per 100; $8.00 per 1000.
AGERATUMS, 4 var., 60c per 100; $5.00 per 1000.
COLEUS, 40 var., 70c per 100; $6.00 per 1000.
DAISIES, $1.00 per 100.

Express prepaid on all R. C. Cash with orders. Write

S. D. Brant, Clay Center, Kan.

ORCHIDS

CATTLEYA MENDELLI Just arrived in fine condition, a shipment of this scarce and beautiful Orchid. Also Laelia Anceps, Oncidium Tigrinum, etc. Write for special list No. 14.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

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Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO, ILL.

Send for Price List on all

Palms and Ferns

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BOBBINK & ATKINS

Decorative Plants.

Rutherford, N. J.

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Always mention the Florists' Review when writing advertisers.

XXX SEEDS

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.
Cineraria. Finest large flowering dwarf, 1000 seeds, 50c.
Phlox Pumila Compacta. Very dwarf and compact; grand for pots; in finest colors, mixed. Trade pkt., 25c.
Alyssum Compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots. Trade pkt., 25c.
Chinese Primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.
Pansy, Finest Giants. The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c.
Petunia. New star, from the finest marked flowers, extra choice. Trade pkt., 25c.
Cash. Liberal extra count of seeds in all packets.

SHAMROCK

...IRISH...

Strong and fine plants. Better order early. $4.00 per 100; or 60c. per doz., by mail.

JOHN F. RUPP, Shiremanstown, Pa.

THE HOME OF PRIMROSES.

For Your Wants in

Roses, Boston, Piersoni and Scottii Ferns.

Asparagus—Plumosus, Sprengeri.

Carnations, Chrysanthemums and Miscellaneous Stock,

Write **GEO. A. KUHL,**

Pekin, Illinois.

Grower for the Trade.

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EASTER PLANTS ..A.. Specialty

Have an immense stock of the following, which will be in bloom for Easter:

Spiraea Compacta, Floribunda, Japonica and Gladstone.

Three houses full of choice **Azalea Indica,** among them are: 1500 pots of **Van der Cruyssen,** all sizes and prices, 75c, $1.00 and $1.25.

Hydrangea Otaksa, Cineraria, Hybrida, 6-inch Harrisii and Japan Lilies by the thousands, White Daisies; Ficus Elastica (rubber plant) 6 to 7 inch pots, $6.00 to $9.00 per doz.; Araucaria Excelsa, 7-inch pots, 30 to 35-inches high, $1.50 each; **Hyacinths,** Tournesol Tulips, Von Sion Daffodils; American Beauty, Bride and La France Roses. Everything of good quality and lowest prices. Watch for Easter adv.

Godfrey Aschmann, Wholesale Grower and Importer of Pot Plants.

1012 Ontario St., PHILADELPHIA, PA.

Bell Phone Tioga 3669A.

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Bedding Plants

Cash with order.	Per 1000	Per 100 2¼-in. R. C. Exp.	Per 100 2¼-in. R. C. Mail
50,000 Alternantheras, red, yellow, R. C.	$ 5.00	$15.00	$0.65
Alyssum, double sweet		2.00	1.00
Boston Ferns 5-inch.....25 cts.,		3.00	
Feverfew, Little Gem	15.00	2.00	1.00
Fuchsia, 6 named varieties		2 50	1.25
25,000 Geraniums, Nutt and 20 other varieties		2.50	1.50
15,000 Geraniums, Mme. Salleroi.		2.00	1.00
Petunias, double fringed, white.		2.50	1.50
Pansies, Florists' International, in bud and bloom	15.00		2.00
Salvia, 4 named varieties		2.00	1.00
Forget-me-nots		2.00	1.00

LUDVIG MOSBAEK, Onarga, Ill.

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200,000 PANSIES—Fine large transplanted plants, Prize Strain, of the famous large-flowering Bugnots Cassiers, Odier and Trimardeau, stocky plants from cold frame, 50c per 100; $3.00 per 1000. Mammoth Verbenas, R. C., 60c per 100; $5.00 per 1000. Dwarf Blue Lobelia, R. C, $1.00 per 100; $8.00 per 1000. Ageratum Dwarf Blue, 60c per 100. Asparagus Plumosus, from flats, ready for 3-inch, $2.00 per 100; 3-inch, $3.00 per 100. Stocks, double white for Easter, $1.00 per 100; $8.00 per 1000. Salvias, Red Splendens, $1.00 per 100. Feverfew, double white, $1.00 per 100; $8.00 per 1000. Daisies, double white, 75c per 100; $5.00 per 1000. Plants by the 100 free by mail.

SAMUEL WHITTON, 15-17 Gray Ave., **UTICA, N.Y.**

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10,000 Latania Borbonica PALMS

We have a fine stock of this variety, strong plants in 2¼ and 3-inch pots, some of which are showing character leaves, ready for immediate shift. While they last, **$5.00 per 100; $45.00 per 1000.**

The DINGEE & CONARD CO.

WEST GROVE, PA.

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DISCOUNT ON BOSTON and PIERSON FERNS

SPECIAL.

J. B. Braidwood, Successor to William Clark.

COLORADO SPRINGS, COLO.

Send for Price List.

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Boston Ferns

Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots, at 25c, 50c, 75c, $1.00 each.

KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS

Cash or reference please.

L. H. Foster, 45 King St. **Dorchester, Mass.**

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NEPHROLEPIS SCOTTII

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time. Prices—6-in. pot-grown, ready for 8-in., $15.00 per doz.; 7-in. pot-grown, $24.00 per doz.; 8-in. pot-grown, $36.00 per doz.

JOHN SCOTT, Keap Street Greenhouses, **BROOKLYN, N. Y.**

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DREER'S Reliable Flower SEEDS

SWEET PEAS

FOR FLORISTS.

We offer below a short list of the best sorts to grow for cutting.

(For full list see Wholesale Catalogue.)

	¼ lb.	lb.
Blanche Ferry, pink and white	$.10	$.20
" " extra early, 10 days earlier than above.	.10	.25
Countess Cadogan, clear blue	.10	.25
Countess of Radnor, lavender	.10	.20
Dorothy Eckford, the latest, largest and finest white	.20	.50
Earliest of All, very early, pink and white	.10	.30
Emily Eckford mauve or heliotrope	.10	.20
Emily Henderson, an early, free and continuous flowering white	.10	.20
Hon. F. Bouverie, fine clear pink.	.10	20
Hon. Mrs. E. Kenyon, the best yellow	.10	.25
Janet Scott, a beautiful pink	.25	.75
Kath Tracy, a good pink	.10	.25
King Edward VII, crimson scar't	.25	.75
Lady Grisel Hamilton, clear lav.	.10	.30
	¼ lb.	lb.
Lovely, shell pink	.10	.25
Miss Willmott, rich orange pink	.10	.30
Mont Blanc, very early white	.10	.25
Navy Blue, deep violet blue	.10	.20
Prima Donna, fine deep pink	.10	.25
Prince of Wales, rich rose	.10	.25
Salopian, rich scarlet	.10	.25
Peerless Mixture, finest made	.10	.30



SEE OUR

Wholesale Price List

For Complete list of

Florists' Flower Seeds

Including Asters, Petunias, Pansies, Verbenas, Salvias, etc.

HENRY A. DREER, 714 Chestnut Street, **Philadelphia, Pa.**

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Dahlias, Awarded 10 Gold Medals in 1903 and 12 Gold Medals in 1904. Pot Roots, Awarded the Silver Medal by the International Jury at the St. Louis Exposition.

POT ROOTS FOR SHIPMENT AT ONCE Every section, including the popular CACTUS DAHLIAS at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 per 100. These are post free terms. Note this when comparing prices. **Terms cash with order.**

TEMPTING BARGAINS Those who prefer to have their goods through a forwarding house instead of by parcel post can be supplied in every section, including Cactus at $4.00, $5.00 and $6.00 per 100 in 25 sorts.

12 SEEDLING CACTUS DAHLIAS All 1903 sorts and certificated by the Dahlia Societies in England; post free for $2 50; Albion, Etna, Eva, Iceberg, John Gilpin, Mabel Tullock, Winsome, Amos Perry, Fred Cobbold, F. H. Chapman, Loogalu and Red Cap.

1904 SEEDLING CACTUS DAHLIAS A rare opportunity; only a few to offer at $1.25 each, post free in quantities of not less than 4 sorts. Dainty, Dorothy Vernon, Effective, Northern Star, Sweet Nell., Yellow Gem, F. M. Stredwick, Mrs. Brousson, Mrs. Wilkinson, Oliver Twist, Hereward, Comet, Osprey, Sirius and Rainbow. One each of these 16 novelties post free for $16.00. **Terms cash with order.**

HOBBIES LIMITED Catalogue free of charge. **NORFOLK NURSERIES** **DEREHAM, ENG.**

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A 1 Asparagus

SPRENGERI—Not the usual, recently potted stock but **strong, healthy, field-grown, thoroughly established in pots** and have grown into bushy, salable plants. These we are now offering from 2½-inch pots, $3.00 per 100; 3-inch pots, $5.00 per 100.

TENUISSIMUS—A large, healthy lot of this grand variety in need of a shift, from 2¼-inch pots, $3.00 per 100; 3-inch pots, $5.00 per 100.

Nathan Smith & Son, Adrian, Mich.

Mention The Review when you write.

ROOTED COLEUS CUTTINGS

Verschaffeltii, Golden Queen, Lord Palmerston, Fire Brand, Beckwith's Gem, Queen Victoria and Fancies, 60c per 100; $5.00 per 1000.

Golden Bedder, (original), **and Hero, 75c per 100; $6.00 per 1000.**

A discount of 10 per cent allowed on 10,000 or more Coleus. More liberal discounts on larger orders.

AGERATUM—Princess Pauline and Stella Gurney.

SALVIA—Splendens and Jean Revenal. Rooted cuttings 75c per 100; $6.00 per 1000.

VINCAS—Variegata, 3-inch pots, $5.00 per 100.

FRANK A. PIERSON, Cromwell, Conn.

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ORANGE, N. J.

The tenth annual installation dinner of the New Jersey Floricultural Society took place on February 3, with the help of representatives of the floral and local press, sister societies and numerous representatives of the craft. Of the first, who made responses were J. Austin Shaw, W. J. Stewart and S. S. Butterfield. William Duckham spoke for the Chrysanthemum Society. A letter of regret was read from A. Herrington. Mr. Berry, of Kelsey & Co., Neil Campbell, C. H. Totty, Harry O. May, Dr. J. M. W. Kitchen and Charles Weber were also speakers. The evening was filled in by responses from six ex-presidents and numerous members. J. B. Davis, in behalf of the auditing committee, paid a glowing tribute to the services and worth of Treasurer Macrorie and to the services of John McGowan, whose photographs of the prize-winning flowers for the year covered the walls of the banquet hall.

The floral display was large and called forth encomiums from Mr. Barry and others. The exhibits were from Peter Duff, Arthur Bodwell, Edwin Thomas, William Bennett, William Reid, George Van Qualen, Lager & Hurrell, Hale Floral Company and Guttman & Weber, whose new carnation, Victory, occupied a prominent place. It was the initial night in the year's competition for silver cups.

The presentation of the twelve silver cups won in last year's competition was a feature of the earlier part of the evening. J. B. D.

CANTON, OHIO.

In Charles Lindacher's recent fire the boiler shed and two greenhouses were damaged and a large quantity of stock frozen. He had $2,000 insurance on the stock and was allowed $1,900, with $1,200 allowance on the structures and $250 on tools, in all $3,350. Rebuilding was begun promptly and everything will be in first-class shape by spring. The retail trade was not interfered with by the fire, as most of the stock destroyed was bedding material for spring, which is being replaced by purchase.

NEW PRICE LIST ON
Pyramid KAISER KRONEN Standard
Bay Trees
Orders booked now.
JULIUS ROEHRS CO. Exotic Nurseries, Rutherford, N. J.
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...PANSIES...
London Prize Show Flowers, exquisite colors, large transplanted plants from cool houses, 50c per 100 by mail; $3.00 per 1000 by express.

Obconica—3-inch	per 100,		$3.00
" 4-inch	"		5.00
Asparagus Sprengeri—4-inch.	"		5.00
" Plumosus—4-inch.	"		6.00

C. WHITTON, · UTICA, N. Y.
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RUDBECKIA	Per 100
Extra choice, large clumps	$5.00
ASPARAGUS SPRENGERI, Extra quality, 2¼-in. pots	2.00
ASPARAGUS PLUMOSUS, Extra quality, 2¼-in. pots	2.50
ASPARAGUS PLUMOSUS, Extra quality, 3-in. pots	4.00

Above prices cash with order.
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Style No. 610.
Also other Sizes and Styles carried in stock.

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Superior in construction, insulation and service rendered. Economical in the use of ice, scientifically built.
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IN STOCK READY FOR IMMEDIATE SHIPMENT
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Mention this journal and we will send you the following catalogues: No. 39 for Residence, No. 45 for Hotels, Public Institutions and Cold Storage Houses, No. 63 for Groceries, No. 56 for Meat Markets, No. 70 for Florists.

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FERNS AND PALMS
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MUST BE BARGAINS
To sell over retail counters. We can handle large quantities of GOOD selling STOCK if PRICES are RIGHT.
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Decoration Day
Fine stuff in 2-inch pots,
$3 per 100. Cash with order.
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ROOTED CUTTINGS NOW READY.
A Few of Our Leaders:
Wm. Duckham, Ben Wells, F. A. Cobbold, Leila Filkins, $3.00 per 100; Dr. Enguehard, $4.00 per 100; Mrs. Thirkell, $2.00 per 100.
Send for complete list. No order filled for less than $1.00.
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25000 Ten Weeks STOCKS White Cut and Come Again and Blood Red. transplanted plants with 6 to 8 leaves, 75c per 100; $7.00 per 1000. Rooted Cuttings—Heliotropes, 75c per 100; $7.00 per 1000. Coleus, 10 varieties; 65c per 100; $6.00 per 1000. Vinca Var., $1.00 per 100; $8.00 per 1000. Feverfew, 75c per 100; $7.00 per 1000. Marguerites, yellow and white, 75c per 100; $7.00 per 1000. Alyssum, 75c per 100. Alternantheras red and yellow, fine plants, will make 10 or more cuttings to the plant, at $3.00 per 100. Cash please.
Converse Greenhouses, Webster, Mass.

IMPORTED JAPANESE
POMPON CHRYSANTHEMUMS
ROOTED CUTTINGS
Having secured the Japanese exhibit of Pompon Chrysanthemums at the World's Fair, we have the following colors to offer:
Flowers from 1 to 2½ in. across; White; White with Lavender Edge; Yellow; Yellow with White Edge; Yellow with Bronze Edge; Lavender, Dark; Lavender, Light; Red; Red Hairy Petals, and Bronze, at $3.00 per 100. Cash with order.
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PANSY PLANTS

	Per 100.
Large Flowering, $2.50 per 1000	$0.60
Asparagus Plumosus Nanus, small plant	1.75
10 Varieties Geraniums, 2 and 2½-inch pots	3.00
Alternantheras, red and yellow, March 1	2.00
10 Varieties Coleus, 2-inch pots, March 1	2.00

—— CASH ——
JOS. H. CUNNINGHAM, Delaware, O.
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For Sale, Greenhouse Material
milled strictly of Louisiana Cypress. And will cut and splice to order. Hotbed sash a specialty. Try V. E. Reich's Oxford Putty specially made for greenhouse purposes. Estimates freely furnished for greenhouse and hotbed glass.
V. E. REICH, 1429 Metropolitan Ave. Brooklyn, N. Y.
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TO BAK-INE LIQUID is the stuff for Thrips, Spider, or any such stubborn pests.—A. F. J. Baur, Indianapolis.

Quarter Pint Can	$0.60	Pint Can	$ 2.00
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Clean, strong stock, well rooted Cuttings of the following varieties.

	Per 100	1000
COLEUS, in ten best sorts	$.60	$5.00
FUCHSIAS, single and double, mixed in ten varieties	1.00	
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WATER IVY	.60	5.00
LEMON VERBENAS	1.00	
LANTANAS	1.00	
AGERATUM, Stella Gurney	.60	5.00
LOBELIA, fancy blue, the best for edging	.60	5.00
SWEET ALYSSUM, giant, double	.60	
PALMS, extra fine stock Latania Borbonica, 2½-in. pots, ready for shifting	4.00	35.00
GERANIUMS, Mme. Salleroi	1.00	8.00

Cash, please. Satisfaction guaranteed on all orders. No order filled for less than $1.00.

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RED AND YELLOW

Strong rooted cuttings, 50c. per 100 or $4.00 per 1000; in lots of 5000 or over, $3.50 per 1000.

DAVIS BROS., Morrison, Illinois

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Fine thrifty stock from 2-inch pots. June and July delivery, from leaf cuttings, only $12.00 per 100. Order now.

AUG. JABLONSKY, WELLSTON, ST LOUIS, MO.

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W. J. COWEE, BERLIN, N. Y.

10,000....$1.50; 50,000... $6.25. Sample free

For sale by dealers.

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Good strong healthy plants, from 2¼-in. pots, 40c per dozen: $2.00 per 100; $17.50 per 1000, provided that not less than 200 of any one variety are ordered.

DOUBLES—Bruanti, Centaure, Comtesse de Harcourt, Double Gen. Grant, Gloire de France Jean Viaud, La Favorite, Le Cid, Mme. Canovas Mme. Charotte. Mme. Jaulin, Mme. Landry, Miss Kendell, Miss Frances Perkins. **SINGLES**—Granville, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Single Gen. Grant. Rose, Lemon, Mrs. Taylor and Fernifolia odorata, $2.00 per 100.

Greenhouse Plants

2¼ in stock; not less than 5 of any one variety sold.

	Per 100	1000
Abutilon Savitzii	$2 00	
Ageratums, dwarf white and Stella Gurney, 40c per doz	2.00	
Alternanthera, red and yellow, in variety	2.00	$15.00
Alyssum dwarf and giant double, 40c per doz	2.00	
Aquilegia (Columbine) single mixed	3.00	
Ca nas 10 varieties, 3-in	4 00	
Carnations, dwarf hardy, mixed	1.50	
" Marguerite	1.50	
Coleus, good varieties	2.00	15.00
Cuphea (Cigar plant)	2.00	
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Ficus Elastica, rubber plant		
Fuchsias, Black Prince, Minnesota,	2.00	
Gaillardia Grandiflora	3.00	
Hardy Chrysanthemums, large flowering varieties	3.00	
Our collection of Hardy Chrysanthemums was awarded the diploma at New York by the American Institute.		
Hardy Chrys nthemums, small flowering varieties	2.00	
Hardy English Ivy	2.00	15.00
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" Chieftain, a fine variety, 40c per doz	2.00	17.50

	Per 100	1000
Hibiscus, 3 varieties	$3.00	
Hollyhock, double white and mixed, 3 in. pots	3.00	
Holt's Mammoth Sage	2.00	$15.00
Lemon Verbena	2.50	17.50
Lantanas 10 varieties	2.00	17.50
Lobelia, Crystal Palace, dwarf, 40c doz.	2.00	
Maranta Massangeana	4.00	
Moonvines, white and blue, 50c doz.	3.00	
Pansies, mixed, fine	1.50	
Petunias, double, mixed	2.50	
" Dreer's Superb Single, mxd	2.00	
" mixed, fine	1.50	
" 5 named varieties	3.00	
Phlox, hardy, 10 named varieties	3.00	
Salvia, in variety	2.00	17.50
Smilax, strong	2.00	15.00
Stevia, variegated	2.00	
Swainsona Alba and Rosea	2.00	17.50
Sweet William double, mixed	3.00	
Verbenas, white, purple, scarlet	2.00	

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Good selection of standard varieties, $5.00 per 100; $40.00 per 1000. Mixed $4.00 per 100; $35.00 per 1000. Send for list.

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R. Vincent, Jr. & Son, White Marsh, Md.

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50,000 FINE

ASPARAGUS PLUMOSUS NANUS

	Per 100	Per 1000
ASPARAGUS PLUMOSUS NANUS, 2½-inch,	$2.00	$15.00
ASPARAGUS PLUMOSUS NANUS, 3½-inch,	3.50	30.00

Express Prepaid at above Prices—CASH

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ABUTILONS.

Abutilon Savitzii, 2¼-in. pots, $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ACALYPHAS.

Acalypha rooted cuttings. Tricolor and macrophylla, $1.00 100; $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

ACHYRANTHES.

Achyranthe rooted cuttings, from sand, $10.00 1000. Cash. J. Ambacher, West End, N. J.

ADIANTUMS.

Adiantum, a good sort for cut fronds and fern dishes, 2½-in., 3c; 3-in., 5c; 4-in., 8c. Fine stock. A. E. Wohlert, Bala, Phila., Pa.

AGERATUMS.

Ageratum Stella Gurney; rooted cuttings, 60c 100; $5.00 1000. Cash, please. No orders filled for less than $1.00.
Critchell's, Avondale, Cincinnati, Ohio.

Ageratums Princess Pauline and Stella Gurney, rooted cuttings, 75c 100; $6.00 1000.
Frank A. Pierson, Cromwell, Conn.

Ageratums Stella Gurney and Dwarf Beauty; rooted cuttings, $1.00 100; $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Ageratum rooted cuttings, 4 var., 60c 100; $5.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Ageratum, dwarf white and blue; R. C., 75c 100; 2-in., $2.00 100. Cash.
D. W. Brainard, Thompsonville, Conn.

Ageratums, Stella Gurney and dwarf white, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Princess Pauline, rooted cuttings, 50c 100; prepaid. Hopkins & Hopkins, Chepachet, R. I.

Rooted cuttings of ageratums, dwf. blue, 60c 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

ALTERNANTHERAS.

Alternantheras, red and yellow; strong rooted cuttings, 50c 100; $4.00 1000; in lots of 5000 or over, $3.50 1000.
Davis Bros., Morrison, Ill.

Alternantheras, red and yellow, fine plants, will make 10 or more cuttings, $3.00 100. Cash. Converse Greenhouses, Webster, Mass.

Alternantheras, red and yellow; strong, R. C. 50c per 100, $4.50 per 1000. Cash.
Byer Bros., Chambersburg, Pa.

Alternantheras, red and yellow, in variety, 2¼-in., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow, ready March 1, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, Ohio.

Brilliantissima, 75c doz.; $4.00 100.
C. Winterich, Defiance, O.

ALYSSUM.

Sweet alyssum, giant double; rooted cuttings, 60c 100. Cash, please. No orders filled for less than $1.00.
Critchell's, Avondale, Cincinnati, Ohio.

Giant alyssum rooted cuttings, $1.00 100; $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Alyssum, dwarf and giant double, 2¼ in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Alyssum Giant, fine 2-in., 2c; R. C., ¾c, mail. Cash.
Byer Floral Co., Shippensburg, Pa.

Alyssum, double, 2-in. pots, $2.00 100. Cash, please. Valley Greenhouse Co., Sewickley, Pa.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

ASPARAGUS.

For sale cheap, 400 4-year-old Asparagus plumosus nanus roots; have them on side table, no head-room to grow strings; will sell for $8.00 per 100. Terms: Cash with order.
H. P. Owen, Central Valley Greenhouses, Toughkenamon, Chester Co., Pa.

Asparagus plumosus nanus. To close out will sell the 2½-in. for $2.25 per 100; 3-in., $3.50 per 100. These are extra value; must clean them out to make room.
W. A. Wettlin, Hornellsville, N. Y.

Asparagus plumosus nanus, strong, 3-in., from bench, $3.00 per 100; $25.00 per 1000. Cash. Prepaid.
Golden State Plant & Floral Co., Santa Monica, Cal.

Asparagus plumosus nanus, 2-in., $3.00 100; 3-in., $1.00 doz., $7.00 100. Sprengeri, 2-in., $2.00 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

50,000 fine Asparagus plumosus nanus, 2½-in., $2.00 100, $15.00 1000; 3½-in., $3.50 100, $30.00 1000. Express prepaid.
Wm. Linfoot, No. Vermilion, Danville, Ill.

Asparagus plumosus, 2¼-in., $2.50; 3-in., $4.00. Sprengeri, 2¼-in., $2.00. Fine and pot-bound ready to shift.
S. M. Harbison, Danville, Ky.

Asparagus Sprengeri, extra quality, 2½-in., $2.00 100. A. plumosus, extra quality, 2¼-in., $2.50 100; 3-in., $4.00.
John Brod, Niles Center, Ill.

Asparagus Sprengeri, strong 2½-in., $1.75 per 100, $15.00 1000. Strong 4-in., $6.00 per 100. J. Palmer Gordon, Ashland, Va.

A. plumosus nanus, No. 1, 2-in., 2c; 3-in., very fine, 4c; Sprengeri, 2-in., 1¾c. Cash.
Byer Bros., Chambersburg, Pa.

Asparagus plumosus nanus, flats, ready for 3-in., $2.00 100; 3-in., $3.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus, 3-in., $6.00 per 100. A. Sprengeri, 4-in., $10.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

Asparagus plumosus, fine plants, ready for 3-in. pots, $2.50 100.
The Nunnally Co., Atlanta, Ga.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

2000 Asparagus plumosus, 3-in., strong, $5.00 per 100. Maurice J. Brinton, Christiana, Pa.

Asparagus Sprengeri, 4-in., $5.00 100. Plumosus, 4-in., $6.00 100. C. Whitton, Utica, N. Y.

Asparagus plumosus nanus, small plants, $1.75 100. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Plumosus and Sprengeri, 2-in., $2.00 100.
Iowa Seed Co., Des Moines, Iowa.

Asparagus Sprengeri, fine, 2½-in., $2.00 100.
A. J. Baldwin, Newark, Ohio.

AZALEAS.

Azalea mollis, extra fine, $35.00 100; standards, $75.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

BUSINESS BRINGERS—
Review
Classified Advs.

BAY TREES.

New price list on pyramid, Kaiser Kronen, and standard bay trees. Orders booked now.
Julius Roehrs Co., Rutherford, N. J.

BEGONIAS.

Our gold medal strain. Single, 6 separate colors, $3.00 100, $27.50 1000; finest mixed, $2.75 100, $25.00 1000. Double, 4 separate colors, $4.00 100, $37.50 1000; finest mixed, $3.75 100, $35.00 1000. 25 at 100 rate; 250 at 1000 rate. N. Le Page, Mt. Vernon, N. Y.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Lorraine begonias, fine thrifty stock from 2-in. pots, June and July delivery, $12.00 100. Order now.
A. Jablonsky, Wellston, St. Louis, Mo.

Begonia Louis Closson, 2½-in., $3.50 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Rex, 15 sorts, mixed; R. C., prepaid, $1.10 per 100, cash. Byer Bros., Chambersburg, Pa.

Begonia Louise Erdody, strong, $3.00 100.
Iowa Seed Co., Des Moines, Iowa.

BOX TREES.

Dwarf box, 7 to 9 inches high, $6.00 to $8.00 per 100. Nicely shaped stock.
Joel Thomas, Florist, Fitzgerald, Ga.

BULBS.

BULBS and ROOTS.
Gladioli, a million bulbs, 50c per 1000 and upwards; choice named sorts, $6.00 to $20.00 per 1000; Groff's hybrids, $1.00 to $10.00 per 1000; Childsii, Lemoine's hybrids, etc.
Single tiger lily, $20.00 per 1000. Iris Kaempferi, 40 choice sorts, $5.00 per 100. Hardy moon-vine, $3.00 per 100. Spiraea lobata, $3.00 per 100. Ismene calathina, $1.50 to $5.00 per 100. Madeira vine, $3.00 to $8.00 per 1000. Complete price list now ready.
E. Y. TEAS, Centerville, Ind.

Bulbs. Large-flowering BEGONIAS and giant-flowering GLOXINIAS. See display adv. in issue of Feb. 2 for colors and prices.
Johnson & Stokes, 217-219 Market St., Phila.

Freesias. Grand Duchess Oxalis, Bermuda Buttercup and other flowering bulbs. Write for catalogue.
Rees & Compere, Long Beach, Cal.

All spring bulbs now ready. Our bulbs are always reliable. Wholesale catalogue for the asking.
Arthur T. Boddington, 342 West 14th St., N. Y.

If you want fine Mexican bulbs, see adv. under the heading of Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

Caladium esculentum, extra fine, 10 to 12-in., $8.00 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Dwarf Pearl and variegated tuberoses, Caladium esculentums, all sizes. Write us.
The H. E. Newbury Co., Magnolia, N. C.

Milla and bessera bulbs, large and small, $5.00 per 1000. Will exchange.
C. R. Orcutt, San Diego, Cal.

D. Rusconi, importer of bulbs, plants and shrubbery, 32 West 6th St., Cincinnati, O.

CACTI.

Epiphyllum truncatum, in bud and bloom; 3-yr.-crowns, from 25c to 50c each. Cash with order. A. Mirring, East St. Louis, Ill.

If you want fine CACTI see adv. under heading Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

CANNAS.

NAMED VARIETIES in CHOICE MIXTURE. Strong 2 to 3 eye pieces, 60c per 100; $5.00 per 1000.
NATHAN SMITH & SON, Adrian, Mich.

50,000 cannas, Austria, Italia, Crozy, Marquant, Henderson, at $9.00 per 1000, strong 2 and 3-eye roots. Cash with order, please.
Geo. Just, Jacksonville, Fla.

Canna roots, $1.50 per 100. Tarrytown, Florence Vaughan, Italia, Austria, McKinley, Marlboro, Egandale, Sam Trelease.
C. M. Niuffer, Springfield, Ohio.

Cannas. Henderson, $2.00 100; $18.00 1000; Austria, $1.50 100; $14.00 1000. Cash, please.
Valley Greenhouse Co., Sewickley, Pa.

Austria cannas. 5000 extra fine, large bulbs, $20.00 1000; $2.50 100. Cash with order.
Frank Cummings, Meridian, Miss.

Cannas, extra fine, plump bulbs, fine varieties, $1.25 100; $10.00 1000.
A. J. Baldwin, Newark, Ohio.

Cannas, 10 varieties, 3-in. pots, $4.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

CARNATIONS.

200,000 rooted carnation cuttings now ready.

White	100	1000	Scarlet	100	1000
Q. Louise..	$1.00	$10.00	Crane	$1.00	$10.00
F. Hill.....	1.00	10.00	America ..	1.00	10.00
Gov. Wol't	1.00	10.00	Estella	1.40	12.50
Alba	2.00	15.00	Crimson		
W. Cloud..	1.00	10.00	Harlow'den	1.40	12.50
Pink			Yellow		
Lawson ...	1.20	12.50	Eldorado ..	1.10	12.50
Marquis ..	1.00	10.00	G. Beauty.	1.40	12.50
Enchantress	3.50	30.00	Variegated		
Joost	1.00	10.00	Prosperity..	1.40	12.50
McKinley ..	1.40	12.50	M. Field...	1.40	12.50
Mermaid ..	1.00	10.00	Armazindy..	1.00	10.00
Cressbrook.	1.00	10.00	V. Allen...	1.20	11.00

Unrooted cuttings at one-half price of rooted cuttings. Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.
Loomis Carnation Co., L. B. 115, Loomis, Cal.

Rooted cuttings, per 100: Flamingo and Indianapolis, $5.00; Crusader, $6.00; Fairmaid, $1.75; B. Market, $2.00; Queen, $2.50; Enchantress, $3.00; Lawson, $1.35. B. Market and Fairmaid, unrooted, $1.00; for other varieties, write Otto Bourdy, Lowell, Mass.

ROOTED CARNATION CUTTINGS.

White	100	1000	Variegated	100	1000
May Naylor	$2.50	20	Prosperity	$2.50	20
Queen	2.50	20	Mrs. Patten	6.00	..
Q. Louise	2.00	15	Hinsdale	4.00	..
Wolcott	2.00	15	Crimson		
B. Market	2.00	15	Harlowarden	2.50	20
Pink			Octoroon	4.00	..
Enchantress	3.50	30	H. Fenn	2.50	20
Lawson	2.00	15	Scarlet		
Fairmaid	2.00	15	Flamingo	6.00	..
Ethel Ward	4.00	..	Gov. Bliss	2.50	20
N. Fisher	6.00	..	Crane	2.00	15

Pot-grown carnations, 2-in. stock. Lawson, Queen Louise, Prosperity, $4.00 100, $30.00 1000; Harlowarden, $5.00 100, $40.00 1000; Enchantress, $6.00 100, $50.00.

S. S. Pennock, Philadelphia, Pa.

Rooted carnation cuttings, clean and healthy.

	100	1000		100	1000
Crisis	$12.00	$100	Dorothy	$1.25	$10
Enchantress	3.00	25	Wm. Scott	1.25	10
Mrs. Lawson	2.00	15	Q. Louise	1.25	10
Adonis	2.50	20	Floriana	1.25	10
H. Fenn	2.00	15	Lorna	1.25	10
Roosevelt	1.50	12	Eldorado	1.25	10
Mrs. Palmer	1.25	10	Mrs. Joost	1.25	10
The Queen	2.50	20	Flora Hill	1.25	10
Mrs. Nelson	1.50	12	Portia	1.25	10
White Cloud	1.50	12	Mrs. Patten	6.00	..
J. Hinsdale	4.00	..	Flamingo	6.00	..
L. Bountiful	5.00	..	D. Whitney	3.00	..
G. Beauty	3.00	..	Buttercup	3.00	..
Prosperity	2.00	..	Mrs. Manley	2.50	..

J. L. Dillon, Bloomsburg, Pa.

Carnation rooted cuttings, ready now. Clean, healthy stock, well rooted.

Red	100	1000	Light pink	100	1000
Crusader	$5.00	$45.00	G. B'nty	$12.00	$100.00
Estelle	1.50	12.50	Enc'tress	3.00	25.00
Mrs. Ine	1.50	12.50	H'inbotham	1.00	9.00
Flamingo	5.50	45.00	White		
Pink			B. Market	2.50	20.00
Lawson	1.50	12.50	Peru	1.00	9.00
Nelson	1.50	12.50	W. Cloud	1.50	12.50
G. Angel	1.00	9.00	Q. Louise	1.00	9.00
Mrs. Joost	1.25	10.00	F. Hill	1.00	9.00
G. Lord	1.25	10.00	Variegated		
N. Fisher	6.50	55.00	Patten	5.50	45.00

Geo. Reinberg, 51 Wabash Ave., Chicago.

Rooted carnation cuttings now ready.

	100	1000		100	1000
Ethel Ward	$7	$60	The President	$7	$60
White Lawson	7	60	Enchantress	4	30
Christmas Eve	4	30	Golden Eagle	5	40
Harry Fenn	3	25	Lawson	3	25
Prosperity	2	15	Mackinac	6	50
The Belle	6	50	Lady Bountiful	6	50
Judge Hinsdale	6	50	Mrs. Patten	6	50
N. Fisher	6	50	Octoroon	6	50
Flamingo	6	50			

50 of a kind at 100 rate; 250 of a kind at 1000 rate.

Cottage Gardens Co., Inc., Queens, N. Y.

ROOTED CARNATION CUTTINGS.

	100	1000		100	1000
Flamingo	$6.00	$50.00	Lawson	$1.50	$12.50
The Belle	5.00	45.00	M. Glory	1.50	12.50
Crusader	5.00	45.00	H'inbotham	1.00	9.00
Indian'polis	5.00	45.00	Hill	1.00	9.00
Ench'treas	3.00	25.00	Q. Louise	1.00	9.00
B. Market	2.50	20.00	Peru	1.00	9.00
Nelson	1.50	12.50	G. Angel	1.00	9.00
Joost	1.50	12.50	Adonis	2.50	20.00

RICHMOND GEM, $10.00 100; $75.00 1000.

All cuttings sold under condition that if not satisfactory they may be returned.

P. REINBERG, 51 Wabash Ave., Chicago.

Rooted carnation cuttings.

	100	1000		100	1000
L. Bountiful	$6.00	$50	Nelson	$3.00	$25.00
The Belle	6.00	50	H. Fenn	2.50	20.00
N. Fisher	6.00	50	G. Wolcott	2.50	20.00
Flamingo	6.00	50	Adonis	2.50	20.00
Mrs. Patten	6.00	50	Lawson	2.00	17.50
Enchantress	3.50	30	Fair Maid	2.00	17.50
Prosperity	3.00	25	W. Cloud	1.50	12.50
Manley	3.00	25	M. Glory	1.50	12.50
B. Market	3.00	25	Joost	1.25	10.00
Triumph	1.25	10			

500 at 1000 rate.

W. J. & M. S. Vesey, Fort Wayne, Ind.

ROOTED CARNATION CUTTINGS.

	Per 100		Per 100
Fair Maid	$2.50	Harry Fenn	$2.50
Alpine Glow	2.00	Challenger	2.50
Queen Louise	2.00	Frances Joost	1.50
Flora Hill	2.50	For Summer:	
Prosperity	2.50	Mrs. Fisher	1.00
Gov. Wolcott	2.50	Wm. Scott	1.50

The above named standard varieties are all well rooted and obtained from strictly healthy stock only. Satisfaction guaranteed.

Hansen & Lundsted, Passaic, N. J.

RED SPORT, the new bread and butter commercial red carnation, now in its fourth year, has the hardy constitution of Gen. Maceo, with a stronger, heavier growth, longer and stiffer stem and a larger flower. It will keep longer and travel farther than any other red carnation. Price: 12 for $1.50, 25 for $2.50, 50 for $4.00, all postpaid; $6.00 per 100, $50.00 per 1000, by express.

We guarantee all cuttings to be well rooted and to arrive in good condition.

A. B. DAVIS & SON, Purcellville, Va.

Rooted carnation cuttings of Lawson, $2.00 per 100; Lorna, Harlowarden, $1.50 per 100.

Alameda Greenhouse, Roswell, N. Mex.

WHITE LAWSON, which we introduced last year, has given great satisfaction and has proved to be the finest WHITE CARNATION ever sent out. Remember that we are headquarters for it. We are now booking orders for early delivery, at $7.00 100; $60.00 1000 for first-class, strong rooted cuttings.

We have all the other novelties of the season—Fiancee, Cardinal, Fred Burki, etc., also the cream of the older sorts—Mrs. Patten, Daheim, Enchantress, Flamingo, Mrs. Lawson, etc.

F. R. PIERSON CO., Tarrytown, New York.

The new scarlet seedling ROBERT CRAIG, the ideal Christmas carnation. Prices: $2.50 doz., $12.00 100, $100.00 1000. 2500 lots, $95.00 1000; 5000 lots, $90.00 1000; 10,000 lots or more, $80.00 1000. First delivery, Dec. 1, 1905.

The new white seedling LIEUT. PEARY, commences blooming Oct. 15 and flowers continuously through the winter. A first-class commercial variety in every respect. Prices: $12.00 100; $100.00 1000.

Send orders early to

Cottage Gardens Co., Inc., Queens, N. Y.

ROOTED CARNATION CUTTINGS.

All orders filled in rotation.

	100		100
Mrs. Patten, var.	$6.00	Queen, white	$2.50
White Lawson	5.00	B. Market, white	3.00
Albatross, white	5.00	Queen Louise	2.00
Flamingo, scarlet	6.00	Lawson	2.00
Enchantress	3.00	Manley, scarlet	2.00
Challenger	2.00		

Write for prices on large lots; 5 per cent discount for cash with order.

James D. Cockcroft, Northport, L. I., N. Y.

Here are three good carnations. FLAMBEAU, a most satisfactory scarlet; INDIANA MARKET, a free blooming white, and BEATRICE, the freest blooming and most profitable light pink on the market. These three are not giant, fancy, shy-blooming exhibition varieties, but are every-day bread and butter sorts and are just what you should have. Price: $10.00 100; $80.00 1000.

Send for our price list of the cream of last year's novelties and of the standards.

BAUR & SMITH, 38th St., Indianapolis, Ind.

Rooted carnation cuttings. Clean, well-rooted, and good stock.

	100	1000		100	1000
B. Market	$2.00	$18	F. Hill	$1.00	$ 9
Estelle	1.50	12	Mrs. Ine	1.50	12
Roosevelt	1.50	12	H. Fenn	2.00	15
Lawson	1.25	10	Mrs. Nelson	1.50	12
Triumph	1.50	12	G. Angel	1.00	9
Stella	2.00				

Money refunded if not satisfactory.

J. A. Budlong, 37 Randolph St., Chicago.

Rooted carnation cuttings, healthy stock.

	100	1000		100	1000
N. Fisher	$5.00	$45	Mrs. Nelson	$5.00	$45
Flamingo	5.00	45	L. Bountiful	5.00	45
Mrs. Patten	5.00	45	B. Market	2.50	20
Harry Fenn	2.50	20	Queen	2.50	20
Wolcott	2.50	20	Glacier	1.00	9
Gomez	1.00	9	Floriana	1.00	9
Cervera	1.00	9			

Cash with order, please.

Hugo Book, Worceater, Mass.

Carnations rooted cutting now ready. Strong, healthy plants.

	100	1000		100	1000
Wolcott	$1.50	$12.50	W. Cloud	$1.50	$12.50
Norway	1.50	12.50	Mrs. Lawson	1.50	12.50
M. Glory	1.50	12.50	Joost	1.50	12.50
Crusader	5.00	40.00	Enchant	3.00	25.00
Crane	1.50	12.50	America	1.50	12.50
Estelle	3.00	25.00	Gaiety	2.00	15.00
Prosperity	1.50	12.50	Flamingo	6.00	50.00

Bassett & Washburn, 76 Wabash Ave., Chicago.

Rooted carnation cuttings ready now. Fine healthy stock. Orders booked for future delivery.

	100	1000		100	1000
W. Lawson	$7.00	$60	Enchantress	$3.50	$30
Bountiful	6.00	50	Flamingo	6.00	
Mrs. Patten	6.00	50	B. Market	2.50	20
N. Fisher	7.00	60	The Queen	2.50	20
Daheim	6.00	50	Mrs. Lawson	2.50	20

List of other varieties on application.

Wood Bros., Fishkill, N. Y.

Strong, well-rooted carnation cuttings.

	1000		1000
Enchantress	$30.00	Flamingo	$50.00
Adonis	25.00	Lord	10.00
Angel	10.00	Estelle	15.00
Lawson	10.00	Mrs. Patten	40.00
Gov. Wolcott	10.00	Bradt	10.00
Flora Hill	10.00	Peru	10.00
B. Market	20.00	Q. Louise	8.00

Cash or C. O. D.

Sol. Garland, Des Plaines, Ill.

Rooted carnation cuttings.

RED LAWSON, sport from Mrs. Lawson, identical in every way except in color, which is a bright red, $10.00 per 100; $75.00 per 1000.

	100	1000		100	1000
Queen	$2.00	$15.00	Fairmaid	$1.50	$12.50
Mrs. Lawson	1.50	12.50	B. Market	1.50	12.50
Wh. Lawson	5.00		Q. Louise	1.25	9.00

250 at 1000 rate.

Quidnick Greenhouses, J. H. Anthony, Prop., Anthony, P. O., R. I.

Rooted carnation cuttings now ready. Send for price list of all the new and standard varieties.

Wm. Swayne, Box 226, Kennett Square, Pa.

Carnation cuttings, strong and well-rooted.

White.	100	1000	Pink.	100	1000
Queen	$2.50	$20	N. Fisher	$6.00	..
Queen Louise	2.00	15	Ethel Ward	4.00	..
B. Market	2.00	15	Enchantress	3.00	25
Variegated.			Lawson	2.00	15
J. Hinsdale	4.00	..	Fair Maid	2.00	15
Prosperity	2.00	15			
Crimson.					
Harlowarden	2.50	20			

S. J. Reuter, Westerly, R. I.

Rooted carnation cuttings from strictly first-class stock.

	100	1000		100	1000
Mrs. Patten	$6.00	$50	Queen	$2.50	$20
Flamingo	6.00	50	Fair Maid	2.50	20
Crusader	6.00	50	Harry Fenn	2.50	20
Enchantress	3.50	30	Manley	3.00	25

Express prepaid where cash accompanies the order. Satisfaction guaranteed.

GEO. E. BUXTON, Nashua, N. H.

Rooted carnation cuttings.

	100	1000		100	1000
Enchantress	$3.50	$30	Fairmaid	$2.50	$20
Queen	3.00	25	Q. Louise	2.00	15
Lawson	2.50	20	Cressbrook	2.00	15
Challenger	2.00	15	Maceo	2.00	15
H. Fenn	3.00	25	Prosperity	2.50	20
G. M. Bradt	3.00	25	Fiancee	12.00	100

C. Warburton, Fall River, Mass.

Rooted carnation cuttings.

	100	1000		100	1000
Q. Louise	$1.50	$12.50	Lawson	$2.00	$15.00
F. Joost	1.50	12.50	B. Market	2.00	15.00
Challenger	1.50	12.50	Prosperity	2.00	15.00
Fairmaid	2.00	15.00	H. Fenn	2.50	20.00
H'low'rden	2.50	20.00	Enchant.	3.00	25.00
Mrs. Patten	5.00	45.00			

J. E. Beach, 2019 Park Ave., Bridgeport, Conn.

ROOTED CARNATION CUTTINGS.

	100	1000		100	1000
Lawson	$1.50	$12.50	G. Angel	$1.00	$ 9.00
Enchant	3.00	25.00	M. Glory	1.50	12.50
Higinb'th'm	1.25	10.00	Estelle	1.50	12.50
Chicago	2.00	15.00	Adonis	2.50	20.00
Flora Hill	1.00	9.00	W. Cloud	1.25	10.00
Her Majesty	1.50	12.50	Harlowar'n	1.50	12.50

Wietor Bros., 51 Wabash Ave., Chicago.

Carnation cuttings, well-rooted, from selected stock.

	100	1000		100	1000
Nelson Fisher	$7.00	$60	Enchantress	$4.00	$30
Mrs. Patten	6.00	50	H. Fenn	3.00	25
Flamingo	6.00	50	Manley	3.00	25
Crusader	6.00	50	Fair Maid	2.50	20
D. Whitney	5.00	40	Queen	3.00	25

Backer & Co., Billerica, Mass.

Carnation cuttings, strong and wellrooted.

	100	1000		100	1000
Enchantress	$2.50	$24	Wolcott	$2.00	$18
B. Market	2.00	18	Glacier	1.50	14
N. Fisher	5.00	..	Mrs. Lawson	1.50	14
Indianapolis	4.00	..	Prosperity	1.50	14
Estelle	2.00	18			

The W. T. Buckley Co., Springfield, Ill.

Rooted carnation cuttings. Per 100:

Enchantress	$3.00	Floriana	$1.50
Lawson	2.00	Morning Glory	1.50
Queen Louise	2.00	Gov. Roosevelt	1.50
May Naylor	1.50		

Strong, healthy stock. Satisfaction guaranteed. Cash with order, please.

Jewett City Greenhouses, Jewett City, Conn.

MY MARYLAND was the sensation of the Chicago exhibition. Easily outranks any other white. We are booking orders now for delivery January, 1906. Price: $2.50 doz.; $12.00 100; $100.00 1000. Write us for other new and standard varieties.

H. Weber & Sons, Oakland, Md.

Rooted carnation cuttings, fine healthy stock.

	100	1000		100	1000
Enchantress	$3.50	$30	Wolcott	$2.00	$15.00
Queen	2.50	20	Floriana	1.50	12.50
Lawson	2.00	15	Lord	1.25	10.00
Q. Louise	2.00	15			

Robt. C. Pye, Nyack, N. Y.

Our specialty, in carnations, is UNROOTED CUTTINGS. We have the best varieties for business. Fair Maid, Mrs. Thos. W. Lawson, Boston Market, Queen, $10.00 per 1000; 250 or more at 1000 rate. Careful packing and prompt shipment. Cash, please.

STEPHEN CHASE, Nashua, N. H.

Rooted carnation cuttings. Per 100:

Red Lawson	$8.00	Flora Hill	$1.25
Mrs. Lawson	1.25	Queen Louise	1.25
Enchantress	2.50	Marquis	1.25
Nelson	1.50	Joost	1.00

Cash with order or C. O. D.

F. G. Lewis, 519 Locust St., Lockport, N. Y.

Rooted carnation cuttings. Per 100:

Mrs. M. A. Patten	$5.00	D. Whitney	$4.00
Enchantress	4.00	White Cloud	1.50
Joost	1.50	Morning Glory	1.50
Gov. Wolcott	1.50	Queen Louise	1.50

Special price on large lots.

J. F. Ammann, Edwardsville, Ill.

Rooted cuttings of Enchantress and Fairmaid, from sand, $3.00 100, $25.00 1000. Same varieties from pots, $3.50 100, $30.00 1000. Cash with order. J. W. Foote, Malden, Mass.

Rooted carnation cuttings, per 100: Flamingo, $5.00; Enchantress, $3.00; Boston Market, $2.00; Lawson, $1.00. Cash with order, please.

Chas. Wiffin, Des Plaines, Ill.

CARNATIONS—Continued.

Rooted carnation cuttings. Per 1000:

Crusader	$45.00	Lawson	$10.00
Enchantress	30.00	Lord	10.00
B. Market	20.00	Hill	10.00
Estelle	20.00	Scott	10.00
Nelson	20.00		

Des Plaines Floral Co., Des Plaines, Ill.

Rooted carnation cuttings that will give you satisfaction. Per 1000:

Lawson	$12.50	Prosperity	$12.50
Flora Hill	10.00	Queen Louise	10.00
White Cloud	10.00	Joost	10.00
Marquis	10.00		

W. C. Hill Floral Co., Streator, Ill.

Rooted carnation cuttings, clean and healthy.

Mrs. M. A. Patten	$6	Enchantress	$3
Nelson Fisher	7	Wolcott	2
Boston Market	2	J. H. Manley	2
Maceo	2		

Sidney Littlefield, North Abington, Mass.

FRED BURKI is the ideal commercial white carnation. You will make no mistake by growing it. Price: $12.00 100, $100.00 1000; 250 at 1000 rate. Address S. S. Skidelsky, 824 No. 24th St., Philadelphia, Pa., or John Murchie, Sharon, Pa.

Rooted carnation cuttings.

	100	1000		100	1000
W. Lawson	$6.00	$50	Flamingo	$6.00	$50
Enchantress	3.00	25	The Queen	2.50	20

The Cardinal, from 2-in. pots, $12.00 per 100.
Larchmont Nurseries, Larchmont, N. Y.

Rooted carnation cuttings, nice, clean stock. Enchantress, Nelson Fisher, M. A. Patten, Gov. Wolcott, Boston Market, White Cloud and Joost; also unrooted cuttings of last two varieties. Prices on application.
C. G. Velie & Son, Marlborough, N. Y.

STRONG ROOTED CUTTINGS. Per 1000:

Guardian Angel	$ 9.00	Mrs. Nelson	$12.00
Hill	9.00	Boston Market	15.00
Enchantress	25.00	Morning Glory	12.00

A. L. RANDALL CO., 19-21 Randolph St., Chicago.

75,000 rooted carnation cuttings for January and February delivery: Flora Hill, Mrs. McGowan, Joost, Queen Louise, Elbon, a fine red. All at $10.00 1000. Cash with order, please.
J. H. A. Hutchison, Oxford, Pa.

Well rooted cuttings ready now. Per 100:

Fair Maid	$2.00	Lawson	$1.25
Boston Market	2.00	Flora Hill	1.00
Joost	1.00		

F. P. Sawyer, Clinton, Mass.

We have a few hundred cuttings to spare of two of the most profitable varieties of carnations, BOSTON MARKET and HARLOWARDEN, at $2.50 per 100; $20.00 per 1000.
The Wm. Scott Co., Corfu, N. Y.

PALMER'S RED LAWSON, sport from the famous Mrs. Thos. Lawson. Planted May 18, in full crop middle of August. Rooted cuttings, $10.00 100; $40.00 500; $75.00 1000.
W. J. Palmer & Son, Lancaster, N. Y.

Rooted carnation cuttings, clean stock.
Boston Market $2.00 100, $18.00 1000
Unrooted cuttings at half price.
Enchantress and Harry Fenn..... $3.00 per 100
F. H. Pasell & Son, New Bedford, Mass.

Patten & Co.,
Carnation Specialists.
Novelties and Standard Varieties.
Tewksbury, Mass.

We have the finest and healthiest stock of carnations in the country. Send us your list to price. E. G. Hill Co., Richmond, Ind.

Unrooted pips. Flora Hill, Maceo, Freedom, Marquis and Mrs. Jas. Dean, 50c 100; prepaid.
Hopkins & Hopkins, Chepachet, R. I.

Strong cuttings in many varieties. I guarantee satisfaction. Don't fail to get my list and prices. A. A. Gannett, Geneva, N. Y.

Rooted cuttings of WHITE LAWSON and MRS. PATTEN carnations, $5.00 100.
H. F. Littlefield, Worcester, Mass.

Carnations, well-rotted. Prosperity, $1.25 per 100; by mail, postpaid.
A. B. Campbell, Cochranville, Pa.

Our rooted carnation cuttings are now ready. Write me for list and prices.
Geo. A. Kuhl, Pekin, Ill.

Carnations. Novelties and standards. Write F. Dorner & Sons Co., La Fayette, Ind.

Rooted carnation cuttings. Write for prices.
The Philippi Nurseries, Rocklin, Cal.

CHRYSANTHEMUMS.

Rooted cuttings now ready of the 5 best commercial varieties—Dr. Enguehard, $8.00 per 100; Wm. Duckham, $5.00; Alice Byron, Mrs. Coombes, and Monrovia, $2.00. Strong, healthy and finely rooted. Write for prices on larger lots and other varieties. Cash with order.
Gunnar Teilmann, Marion, Ind.

We shall be pleased to send you our price list of chrysanthemums, which includes about all the varieties that are worth growing.
The Wm. Scott Co., Corfu, N. Y.

Chrysanthemums. Strong stock plants of Dr. Enguehard, $1.00 per doz. Silver Wedding, Col. D. Appleton, Mrs. Jerome Jones, Columbia, Grates, W. K. Rieman, Helen Bloodgood, Marie Liger, White Bonnaffon, Mrs. S. J. Tranter, 75c per doz.
C. W. Reimers, Hite Ave., Louisville, Ky.

Chrysanthemums; buy now and increase your stock. Wm. Duckham, Dr. Enguehard, pink; Ben Wells, white; Donald McLeod, bronze yellow. Rooted cuttings, $3.00 per 100; 2-in., $5.00 per 100. Cash, please. Send for regular list.
R. Engelman & Son, Pittsfield, Mass.

Chrysanthemum novelties. We are headquarters for the best new varieties. Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Mileham, Lady Cranston, A. J. Miller, Mrs. D. V. West, etc. Complete list now ready. Send for copy. Chas. H. Totty, Madison, N. J.

Among the new varieties which we had on trial for this year are some magnificent sorts, 9 of which have been awarded certificates. Send for our trade list which gives varieties, prices and full description of each.
E. G. HILL CO., Richmond, Ind.

Chrysanthemum rooted cuttings now ready. Wm. Duckham, Ben Wells, F. A. Cobbold, Leila Filkins, $3.00 100. Dr. Enguehard, $4.00 100. Mrs. Thirkell, $2.00 100. Send for list. No order filled for less than $1.00.
W. A. Chalfant, Springfield, Mo.

Having secured the Japanese exhibit of pompon chrysanthemums at the World's Fair, we offer rooted cuttings of the same at $3.00 100. Cash with order.
Bentzen Floral Co., 4025 Marcus Ave., St. Louis, Mo.

Rooted cuttings of early chrysanthemums, Opah, Mme. Bergmann, Willowbrook, and October Sunshine. Write for prices.
Eli Cross, Grand Rapids, Mich.

Chrysanthemums. Strong rooted cuttings and plants. Leading standard varieties. Write for list of varieties and prices.
BAUR FLORAL CO. ERIE, PA.

SMITH'S CHRYSANTHEMUM MANUAL leads to successful culture. Practical and up-to-date. Only 25c, postpaid.
Nathan Smith & Son, Adrian, Mich.

Hardy chrysanthemums, small flowering varieties, 2¼-in. pots, $2.00 100; large flowering, 2¼-in. pots, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Chrysanthemums. 2½-in. Dr. Enguehard, $1.00 per doz.; by mail, postpaid.
A. B. Campbell, Cochranville, Pa.

About 400 extra fine, strong Wm. Duckham stock plants, $1.00 per doz.
Highland Park Greenhouses, Highland Park, Ill.

CINERARIAS.

Hybrid cinerarias, dwarf; budded, ready for 5-in. pots, $6.00 per 100.
Herman Holtz, Hammond, Ind.

Cinerarias, choice strain, ready for 5-in. pots, 4c to 5c. Levant Cole, Battle Creek, Mich.

CLEMATIS.

Large-flowering clematis—purple, lavender, white, red, 2-yr., 18c; 1-yr., 9c. Cash.
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Rooted cuttings of Verschaffeltii, Golden Bedder, Lord Palmerston, Fire Brand, Beckwith's Gem, Queen Victoria and Fancies, 60c 100; $5.00 1000. Golden Bedder (original) and Hero, 75c 100; $6.00 1000. Ten per cent discount on orders of 10,000 or more.
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Coleus, clean, strong, well-rooted cuttings. Golden Bedder, Crimson Verschaffeltii, Hero, Firebrand, Rainbow, and others, 60c per 100; $5.00 per 1000. Cash with order, please.
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Cyclamen giganteum splendens, in 5 separate colors from 2¼-in. pots, ready for 3½ or 4-in., $5.00 per 100; also same as above, from flats, once transplanted, $2.00 per 100.
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Dahlias, field roots. Clifford W. Bruton, yellow; Storm King, pure white; A. D. Livoni, pink; Maid of Kent, red, tipped white, $5.00 per 100; mixed, $4.00 per 100. The Brighton Seed & Floral Co., 215 Occidental Ave., Seattle, Wash.

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NEW SHASTA DAISIES
ALASKA, CALIFORNIA, WESTRALIA,
$3.00 doz.; $15.00 100. Having obtained my stock from Mr. Burbank, it is warranted to be pure and true to name. Postal for circular. Shasta daisy "Shasta," strong field plants, $3.00 100. Small plants, one-third less. Prepaid. Cash, please. Fred Grohe, Santa Rosa, Cal.

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Daisies. English daisies, Snowball and Longfellow, wintered in frames, $1.00 per 100, $7.00 per 1000. Cash.
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Daisies, $1.00 per 100.
S. D. Brant, Clay Center, Kan.

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Deutzia gracilis and Lemoinei, $15.00 100.
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Dracaena indivisa, 3-in. pots, 16 to 20 inches high, $6.00 per 100; 4-in. pots, 18 to 24 inches high, $10.00 per 100. Fine, bushy plants, leaves to the bottom.
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Spiraea Japonica	$ 4.00
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Prices on all spring bulbs, plants and roots cheerfully given by
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Deutzia gracilis, grown especially for pot culture;- very bushy; 12 to 15 in. high, for 6-in., $6.00 100; 15 to 18 in., for 7 or 8-in., $8.00 100.
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Rhododendrons, best named hybrids, bushy and full of buds, 20 in. high, $9.00 doz.; 24-in. high, $12.00 doz.; 30 to 32 in. high, heavy, $24.00 doz.
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Euphorbia. Crown of Thorns, 2½-in., $7.00 100. Iowa Seed Co., Des Moines, Iowa.

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SCOTTII FERNS.
2½-inch, $2.00 per doz.; $12.50 per 100. 3-inch, $3.00 per doz.; $20.00 per 100. 4-inch, $5.00 per doz.
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Boston ferns, fine stock. 2½-in., $3.50 100; 3-in., $1.00 doz., $7.00 100; 4-in., $1.75 doz., $12.00 100; 5-in., $2.40 doz.; 6-in., $4.80 doz.; 7-in., $7.00 doz. 5% discount for cash with order. D. U. Augspurger & Sons, Peoria, Ill.

BOSTON FERNS, pot-grown. Per 100: 2½-in., $3.00; 3-in., $6.00; 4-in., $12.00; 5-in., $20.00. Good, strong, healthy plants.
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Boston ferns, extra fine stock cut from bench for 5, 6, 7, 8-inch pots, at $25.00, $50.00, $75.00, $100.00 per 100.
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Feverfew for Decoration day. Fine stuff in 2-in. pots, $3.00 100. Cash with order.
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Fuchsia rooted cuttings, single and double, 10 varieties, mixed $1.00 100. Cash.
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Fuchsias Black Prince and Minnesota, 2¼-in., 50c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Fuchsia Little Beauty, 2-in., $3.00 100. Cash.
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Doubles—Bruanti, Centaure, Comtesse de Harcourt, Double Gen. Grant, Gloire de France, Jean Viaud, La Favorite, Le Cid, Mme. Canovas, Mme. Charotte, Mme. Jaulin, Mme. Landry, Miss Kendell, Miss Frances Perkins.
Singles—Granville, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Single Gen. Grant.
Good, strong, healthy plants from 2¼-in. pots, 40c per doz., $2.00 per 100, $17.50 per 1000, provided that not less than 200 of any one variety are ordered.
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TELEGRAPH is the best geranium known to the trade for bedding out, conservatory or window. It has commanded more notice and received more honors than any geranium ever before disseminated. Strong 2¼-in. plants, $15.00 1,000.
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Geraniums from 2¼-in. pots, fine stock. Jean Viaud, Bruant, F. Perkins, S. A. Nutt, M. De Castellane, Katie Schultz, Queen of the West, A. Ricard and Mrs. E. G. Hill at $2.00 per 100; A. H. Trego, $3.50 per 100.
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We have the finest collection of geraniums in the United States. If ordered now they are $20.00 1,000 from 2½-in. pots. Will send you a sample lot of 500 for $10.00 so you can see the stock. E. G. Hill Co., Richmond, Ind.

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Geraniums. Our novelties for 1905: Orosa; the double Mrs. E. G. Hill; and Snow Queen, the most prolific single white. Large healthy plants from 2¼-in. pots, $2.00 doz.; $15.00 100.
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Geranium stock plants. 100 S. A. Nutt, 100 Jean Viaud and choice mixed, 4-in., 5c. From 2½-in., S. A. Nutt, Jean Viaud and scarlet, 2c; rooted cuttings of same kinds, 1¼c.
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Geraniums, 2½-in. pots. S. A. Nutt, La Favorite, single and double Grant. Thibaut, $2.50 per 100, $20.00 per 1,000; Mme. Salleroi, $1.75 per 100, $15.00 per 1,000.
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Gladioli. Highest quality grown in the world. Groff's hybrids and other sorts the best obtainable. See display adv. in this issue.
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Shakespeare, sizes 1 and 2; E. Scribe, 1 and 2; No. 1900, 2, 3 and 4; Augusta, 2, 3 and 4; also small grades at $3.50 to $5.00 per 1000.
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150,000 gladiolus bulbs, good stock, ¾ to 1½-in.; also choice gladiolus seed. Write for low prices. S. Huth, Cuyahoga Falls, Ohio.

Our gladiolus bulbs are good. Try them.
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Finest stock of hardy forest rhododendrons in the U. S., especially suited for planting on fancy lawns and on large estates. Large orders solicited. Also 200,000 extra fine apple, plum, pear, peach, cherry and quince trees at reasonable prices. We also have a full line of small fruits.
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Surplus tree seeds—500 lbs. Catalpa speciosa and 500 lbs. black locust; also good lot of other tree and shrub seeds, and a large lot of seedlings both nursery-grown and collected. Send for trade list.
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Extra fine blue spruce (Koster), from 2 to 5 ft. high; taxus in all sizes, conifers, hardy shrubs, etc. All strictly first-class. Catalogue free.
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Heliotropes, light and dark. Rooted cuttings, $1.00 100; $8.00 1000. Cash, please.
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Heliotropes, dark; rooted cuttings, $1.00 per 100; $8.00 per 1000. Cash with order, please.
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Heliotrope, blue, R. C., $1.00 100; 2-inch, $2.00 100. Cash.
D. W. Brainard, Thompsonville, Conn.

Heliotropes, 2¼-in., fine stock, $2.00 per 100. Cash. W. H. Parsil, Summit, N. Y.

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Hibiscus Peachblow, 2¼-in., $3.00 100.
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Hollyhocks. Large field-grown plants, $3.00 per 100. Double varieties in red, white, pink, yellow and maroon; also the Allegheny strain in mixture at same price. Catalogue of peonies, hardy plants, gladioli and dahlias now ready.
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Hydrangea Otakaa, pot-grown, 6 to 12 flowering crown, suitable for 7 and 8-in. pots, $4.00 per doz.; 10 to 12 flowering crowns, suitable for tubs, $6.00 per doz. Field-grown, potted, 5 to 7 crowns, suitable for 6-in. pots, $20.00 per 100; 3 to 4 crowns, $15.00 per 100.
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Hydrangea pan. grand., fine bushy plants, 8c. Cash. W. H. Salter, Rochester, N. Y.

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Water ivy, rooted cutting, 60c 100; $5.00 1000. Cash, please. No orders filled for less than $1.00.
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Dwarf French lantanas for bedding, fine varieties in strong 2½-in. pots, $30.00 1000.
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Lilacs, forcing variety, $45.00 100.
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Largest and finest stock in the west. Selected pips, $12.00 per 1000, $1.50 per 100.
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Lily of the valley pips. Fine stock in excellent condition, $24.00 per case of 3000; 2 or more cases, $7.50 per 1000.
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Russian lily of the valley, the best for early or late forcing, $15.00 per 1000, $32.50 per 2500; $125.00 per 10,000.
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Lobelias, Crystal Palace, dwarf, 2¼-in., 40c doz., $2.00 100.
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P. O. Box 628. MEXICO CITY.

MIGNONETTE.

Mignonette Defiance, fine for borders, 75c 100; $5.00 1000; postpaid.
J. D. Eisman & Son, Swarthmore, Pa.

MOONVINES.

Moon vines, white and blue, 50c doz., $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

Moon vines, 2½-in., $3.00 per 100.
E. G. Bunyar, Independence, Mo.

MUSHROOM SPAWN.

DEPENDABLE MUSHROOM SPAWN
From the most reliable English makers.
Fresh importation just received.
10 lbs., 80c; 25 lbs., $1.50; 100 lbs., $6.00.
Special prices in quantity.
JOHNSON & STOKES, 217-219 Market St., Philadelphia, Pa.

NASTURTIUMS.

Double, bright yellow and bright crimson, ever-blooming, trailing, for hanging baskets, vases, window boxes. Either color, 15c each, $1.50 doz., $9.00 100, express prepaid.
Nilreb Greenhouses, Berlin, N. Y.

Nasturtiums, double; light yellow, with brown markings. Rooted cuttings, $3.50 100, prepaid. E. H. Hitchcock, Lamar, Mo.

ORANGE TREES.

Orange trees. Write for prices.
The Philippi Nurseries, Rocklin, Cal.

ORCHIDS.

We have always on hand a stock of established and semi-established orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

If you want fine ORCHIDS see our adv., under heading Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

PALMS, ETC.

Latania borbonica. We have 10,000 strong, thrifty plants in 2½ and 3-in. pots (some of which are showing character leaves), ready for immediate shift. We offer them, while they last, at $5.00 100; $45.00 1000.
Dingee & Conard Co., West Grove, Pa.

Latania borbonica, 6-in., 60c each. Kentia Belmoreana, 4-in., 35c each. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Latania borbonica, 5-in., 25c; 6-in., 45c; 7-in., 75c. Kentia Belmoreana, 4-in., 25c; made-up, 7-in., $1.50 each.
Jacob Russler, Avon Ave., Morgan Park, Ill.

Chamerops excelsa palm, strong 2-in., $4.00 per 100 by mail.
Golden State Plant and Floral Co., Santa Monica, Cal.

Palms, extra fine stock. Latania borbonica, 2½-in. pots ready for shifting, $4.00 100; $35.00 1000. Critchell's, Avondale, Cincinnati, Ohio.

Pandanus Veitchii, strong, well-colored plants, not perfect, 7-in., $1.00; 8-in., $1.50 each. J. Welch Young, Germantown, Pa.

Kentia Belmoreana, from 50c to $5.00 each.
Wm. A. Bock, No. Cambridge, Mass.

Philadelphia-grown palms. Write
Joseph Heacock, Wyncote, Pa.

Kentia palms. Large assortment.
L. H. Foster, Dorchester, Mass.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

PANSY PLANTS.

For the Southern States; partly in bud and bloom, strong transplanted, in my Florists' International No. 1 mixture; cannot be beaten for outdoor or forcing purposes; packed safely for long distances. Exp., $1.50 per 100; mailed, $2.00 per 100. Cash.
Ludwig Mosnek, Onarga, Ill.

Giant pansies. Strong plants, early fall sown, in 6 distinct colors or mixed, 50c per 100; $3.00 per 1000; strong transplanted stock, $1.25 per 100; $10.00 per 1000.
F. A. Baller, Bloomington, Ill.

Large transplanted plants of Bugnot, Cassier, Odier and Trimardeau strains, from cold frame, 50c 100, $3.00 1000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Pansies. Mme. Perrett and from our own famous strain, $2.50 per 1000, $10.00 per 5000.
J. C. Schmidt Co., Bristol, Pa.

Pansies, large transplanted plants, 50c 100 by mail; $3.00 1000 by express.
C. Whitton, Utica, N. Y.

Pansy plants, large flowering, 60c 100, $2.50 1000. Cash.
Jos. H. Cunningham, Delaware, Ohio.

100,000 pansy plants at $10.00 per 1000.
Loomis Carnation Co., L. B. 115, Loomis, Cal.

Pansies, mixed, $1.50 100.
R. Vincent, Jr. & Son, White Marsh, Md.

PELARGONIUMS.

Pelargonium rooted cuttings, 15 var., $2.25 100. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

PETUNIAS.

Berkshire, the new double fringed pink seedling petunia. Strong grower, very free bloomer and a beautiful shade of pink, color of Bridesmaid rose. I guarantee this petunia to be as represented. Orders filled in rotation at the following prices: Rooted cuttings, prepaid, 25 for $1.00; 50 for $1.75; 100 for $3.00; 2½-inch pot plants, $5.00 100, express. Cash with order. L. W. Acheson, Pittsfield, Mass.

Petunias, rooted cuttings; single, from California Giants, one of the finest collections in California, flowers from 4 to 6 inches across; double, from Dreer's and Henderson's sets, $1.25 100. Cash, please.
Fred Grohe, Santa Rosa, Cal.

Petunias, double, mixed, 2¼-in. pots, $2.50 100; 5 named varieties, 2¼-in. pots, $3.00 100. Dreer's superb single, mixed, $2.00 100. Fine mixed, $1.50 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Petunias, strong thrifty plants, 2¼-in. pots, in four of the best, distinct varieties—white, variegated, light and dark blue, $2.50 100.
Nathan Smith & Son, Adrian, Mich.

Double fringed petunias, 2½-in., ready for 4-in., separate colors, $2.50 per 100; $20.00 per 1000; 250 at 1000 rate.
Krueger Bros., Toledo, Ohio.

Double petunias, rooted cuttings, very fine varieties, $1.50 100. 5% discount for cash with order. D. U. Augspurger & Sons, Peoria, Ill.

Petunias, double, mixed, 2¼-in. pots, $2.50 100; 5 named varieties, 2¼-in. pots, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Double petunias—Dreer's fancy strain—18 varieties, assorted; rooted cuttings, $1.25 100.
J. D. Eisman & Son, Swarthmore, Pa.

Petunia rooted cuttings, 20 var., $1.25 100, $10.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Petunias, dbl. fringed, 6 distinct novelties, $1.25 100; $10.00 1000.
The W. T. Buckley Co., Springfield, Ill.

Double petunias, rooted, 8 varieties, $1.00 per 100. Prepaid.
Hopkins & Hopkins, Chepachet, R. I.

Petunias, dbl. R. C., 10 best, $1.00 per 100, prepaid. Cash. Byer Bros., Chambersburg, Pa.

Double petunias, 2¼-in., $2.50 per 100.
Rhoten Bros. & Co., Bx. 5, Danville, Ill.

PHLOX.

F. G. von Lassburg is the finest white phlox to date. See description and prices in display adv. in this issue.
H. A. DREER, Philadelphia, Pa.

POINSETTIAS.

Poinsettias. We have 2000 strong, healthy, dormant stock plants, one year old, at $6.00 per 100; $50.00 per 1000.
Chas. Frueh & Sons, 1116 Hoyt Ave., Saginaw, Mich.

Poinsettias, strong stock plants, 1 and 2 years old, $6.00 per 100, $50.00 per 1000; also 2¼-in. pot plants, double and branching, prices given on application.
C. W. Reimers, Hite Ave., Louisville, Ky.

PRIMULAS.

Primula obconica, in bud and bloom, out of 4-in. pots, $6.00 per 100. Cash.
J. J. Von Reider, Dover, Del.

Primula obconica, 3-in., $3.00 100; 4-in., $5.00 100. C. Whitton, Utica, N. Y.

PRIVET.

CALIFORNIA PRIVET CHEAP. 100,000 well-grown plants, 3 to 4 ft., selected, $4.00 100, $25.00 1000; 2½ to 3½ ft., 7 or more branches, $2.50 100, $17.50 1000; 20 to 30 inches, 5 or more branches, $2.00 100, $13.00 1000; 18 to 24 inches, light, 2 years, 3 or more branches, $1.50 100, $7.00 1000. All of the above boxed, f. o. b. here. For car or large lots, write before placing your orders.
CHAS. BLACK, Hightstown, N. J.

California privet, 1, 2 and 3 yrs.; also cuttings; any reasonable offer will be accepted on lots of 5,000 to carloads.
J. H. O'Hagan, Little Silver, N. J.

Privet and box edging. Fine, home-grown stock of both at reasonable prices. Send for wholesale list.
Shrewsbury Nurseries, Eatontown, N. J.

Amoor River privet, 3 to 5 feet, $18.00 1000. Cash with order, please.
Geo. Just, Jacksonville, Fla.

California privet and other hedge plants our specialties. Wm. H. Moon Co., Morrisville, Pa.

Advertisers have learned from experience that
THE REVIEW
PAYS
BEST.

RHODODENDRONS.

Rhododendron maximum, 6-in., $5.00 100; 12-in., $10.00 100; 20-in., $15.00 100; 30-in., $20.00 100; 40-in., $25.00 100. Choice plants. Cash with first order.
J. N. Pritchard, Elk Park, N. C.

Hardy native Pennsylvania rhododendrons, large clumps 2 to 6 ft. high; finest stock in the U. S.
Riverside Nursery Co., Confluence, Pa.

Rhododendrons, best hybrids, $1.00 and up, each. F. W. O. Schmitz, Prince Bay, N. Y.

ROOTED CUTTINGS.

Rooted cuttings. At 7½c—Blue lobelia, dwarf or tall. At ¾c—Dbl. sweet alyssum, dwarf or tall; artillery and cigar plant. At 1c—Big-flowering Marguerite (my specialty), white and yellow: Impatiens Sultana; vinca, light and dark var.; English and German ivy; weeping lantana; var. tradescantia; Swainsona, red and white. At 1¼c—Crimson lantana, Geraniums La Favorite and Mme. Sallerol, Ivy Geraniums Beauty of Jersey, P. Crozy and Jeanne d'Arc; rose geranium and Abutilon Savitzii.
J. A. Wibe, Box 125, Downers Grove, Ill.

Rooted cuttings, prepaid. Per 100: Ageratum Gurney, 50c. Alternantheras, best red and yellow, 45c; fall rooted, extra fine, 50c, $4.50 per 1000. Fuchsia Trophee and other good sorts, $1.25. Heliotrope, Giant Marg. daisy, white; rose geranium, strong; double petunias, 10 best sorts, $1.00. Cash.
Byer Floral Co., Shippensburg, Pa.

Rooted cuttings. Heliotropes, 75c 100, $7.00 1000. Coleus, 10 varieties, 65c 100, $6.00 1000. Vinca var., $1.00 100, $8.00 1000. Feverfew, 75c 100, $7.00 1000. Marguerites, yellow and white, 75c 100, $7.00 1000. Alyssum, 75c 100. Cash. Converse Greenhouses, Webster, Mass.

Salvia, Vinca var., feverfew, giant alyssum, $1.00. Mme. Sallerol geranium, $1.25. Hardy pinks, 6 kinds, rooted, $1.00; unrooted, 60c. Pelargonium, ivy geraniums, best kinds, $2.00 per 100. Prepaid.
S. W. Pike, St. Charles, Ill.

Alternantheras, red and yellow, $5.00 1000; brilliantissima, $4.00 100. Ageratum Stella Gurney, 60c 100. Heliotropes, 60c 100. Coleus, 5 best varieties, 60c 100, $5.00 1000. Santolina, 60c 100, $5.00 1000.
Jacob Russler, Avon Ave., Morgan Park, Ill.

Geraniums, double petunias, fuchsias and carnations, best varieties, $1.00 per 100. Cigar plants, heliotropes, ageratums, salvias and alternantheras, 60c per 100, $5.00 per 1000.
J. C. Schmidt Co., Bristol, Pa.

Rooted cuttings, as follows: Salvias, vinca, sweet alyssum and heliotropes, $1.00 100. Fuchsias, double petunias and feverfew, $1.25 100. Coleus and ageratum, 60c 100. Cash.
Ernest Harris, Delanson, N. Y.

Coleus, 60c 100; heliotrope, all dark, $1.00 100; vincas, $1.25 100; English ivy, $1.25 100; fuchsias, $1.50 100. Cash.
J. E. Felthousen, Schenectady, N. Y.

ROSES.

Rooted rose cuttings.

	100	1000		100	1000
Chatenay	$2.50	$20.00	Bride	$1.50	$12.50
Uncle John	2.50	20.00	Ivory	1.50	12.50
Bridesmaid	1.50	12.50	Perle	1.50	12.50

Roses from 2½-inch pots.

	100	1000		100	1000
Richm'd	$30.00	$250.00	La Detroit.	$6.00	$50.00
Chatenay	4.00	30.00	Sunrise	4.00	30.00
Godesberg	5.00	40.00	English	25.00	200.00
Liberty	5.00	45.00	Uncle John	4.00	35.00
Kaiserin	4.00	30.00	Bride	3.00	25.00
Bridesmaid	3.00	25.00	Ivory	3.00	25.00
Perle	3.00	25.00			

All plants sold under express condition that if not satisfactory they may be returned.
P. Reinberg, 51 Wabash Ave., Chicago.

The new rose WELLESLEY is a welcome addition to the list of forcing roses. Color is bright pink, with reverse of petals clear silvery pink, thus producing a combination that is exceedingly effective either in daylight or in artificial light. Growth is very free and exceptionally vigorous and will prove satisfactory every month in the year. Delivery strictly in rotation, beginning April 1. Prices:

Own root.	Grafted.
$ 25 per 100	$ 30 per 100
55 per 250	70 per 250
100 per 500	130 per 500
200 per 1000	260 per 1000

Waban Rose Conservatories, Natick, Mass.
John N. May, Summit, N. J.

ROSES, 2¼-in. pots, $2.50 per 100.

Universal Favorite	Mme. de Watteville
Evergreen Gem	Francisca Krueger
Dorothy Perkins	Mary Washington
Manda's Triumph	Champion of the World
So. Orange Perfection	Emile Gonin
White Memorial	Frances E. Willard
Yellow Rambler	Bridesmaids
Gardenia	Bride
Helen Gould	Halloween

Strong, semi-dormant plants, splendid for spring sales or for planting.
IOWA SEED CO., Des Moines, Iowa.

GRAFTED ROSES, 60,000 plants. We are now grafting on the best English Manetti the above amount of all selected flowering wood, ready for delivery April 1st, in 2½-in. pots, well established and hardened off. Brides and Bridesmaids, $10.00 per 100. La Detroit, Gen. McArthur and Liberty, $12.00 per 100.
Rooted cuttings now ready. Bride, Bridesmaid and Chatenay per 100, $1.50; Perle and Liberty, $2.50 per 100.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Bride, Bridesmaid and Ivory roses. September propagated and wintered in a temperature of 30 degrees; they could not be in finer condition and are much better than winter propagated stuff. The price is $3.00 100; $20.00 1000.
All the other roses worth growing, such as the two Cochets, La France, and 25 other first-class pot and bedding sorts, at $25.00 1000.
E. G. Hill Co., Richmond, Ind.

Dormant rose plants, 2½-in. pots. Clothilde Soupert, Maman Cochet, White Maman Cochet, La France, Etoile de Lyon, Marechal Niel, Meteor, Helen Gould, Souv. de Mme. Pierre Notting, Ivory, Papa Gontier, Bride, Maid, Ball of Snow, $2.50 per 100; $20.00 per 1000. Cash, please.
John A. Doyle, Rose Grower, Springfield, O.

Roses for spring blooming. C. Soupert, Jacqueminot, Brunner, La France, Magna Charta, Crimson Rambler, etc., field-grown plants, never forced, suitable for 5-in., 7c; larger, for 6-in., 12c. Crimson Rambler, XXX, long tops, 20c. Packing free for cash.
W. H. Salter, Rochester, N. Y.

Climbing Caroline Testout, strong, field-grown, 3 to 4 ft., 30c each; $3.00 per doz., $25.00 100. Climbing Cecil Brunner, strong, field-grown, 3 to 4 ft., 15c each; $1.50 doz.; $12.00 100.
F. Ludemann, 3041 Baker St., San Francisco, Cal.

Field-grown roses, strong and well-rooted. Per 100: Crimson Rambler, 2 to 3 ft., $6.00; 3 to 4 ft., $8.00; 5 to 6 ft., $10.00. Climbing Marie Guillot and Rene Marie Henriette, $10.00. Maman Cochet, D. de Brabant, C. Soupert, $9.50. Juniata Rose Gardens, Decatur, Ga.

Grafted roses for forcing. Orders booked for delivery in April, May and June. Liberty, rose pots, $12.00 100; 3½-in. pots, $18.00 100; Bride, Maid, Golden Gate, Kaiserin, rose pots, $10.00 100; 3½-in. pots, $15.00 100. Send for price list. J. L. Dillon, Bloomsburg, Pa.

Roses, grafted for March delivery and later. Bride, Bridesmaid, Golden Gate, Wootton, Carnot, La France, $12.00 per 100; Killarney and Franz Deegen, $15.00 per 100. Send for catalogue of other varieties.
WOOD BROS., Fishkill, N. Y.

Hardy perpetual standard and dwarf roses, Crimson Ramblers, etc. First-class stock. Catalogue free.
Van der Weijden & Co., Boskoop, Holland.

Rose plants, write for prices on hybrid perpetuals, hybrid teas, teas, climbers, ramblers, etc. C. M. Niuffer, Springfield, Ohio.

Now is the time to buy KAISERIN and CARNOT roses for early summer flowering, 2¼-in. pots, $4.00 per 100, $35.00 per 1000.
BRIDE and BRIDESMAID, 2¼-in. pots, $4.00 per 100, $35.00 per 1000.
W. H. ELLIOTT, BRIGHTON, MASS.

Rooted rose cuttings.

	100	1000		100	1000
Beauty	$3.00	$25.00	Bride	$1.50	$12.50
Liberty	3.00	25.00	Ivory	1.50	12.50
Bridesmaid	1.50	12.50	G. Gate	1.50	12.50

Geo. Reinberg, 51 Wabash Ave., Chicago.

Grafted roses on strong English Manetti stock. Bridesmaid, Golden Gate, Bride, Ivory, Mme. Chatenay, $120.00 1000, Uncle John, La Detroit, Gen. MacArthur, $18.00 100.
S. S. Pennock, Philadelphia, Pa.

Time enough yet to force a few Philadelphia Rambler roses for Easter. Well branched plants, 3 to 4 ft., $2.50 doz.; $17.50 100; $150.00 1000.
The Conard & Jones Co., West Grove, Pa.

Hardy roses. We have the most complete collections in this country. Illustrated descriptive list free.
Ellwanger & Barry, Drawer 1044 W, Rochester, N. Y.

Pot now for spring. White and Pink Cochet, C. Soupert, and Crimson Rambler, field-grown, $10.00 per 100 Cash.
Benj. Connell, West Grove, Pa.

Grafted roses. We are booking advance orders for Bride and Bridesmaid stock from 2½-in. pots $100.00 1000.
Edw. J. Taylor, Southport, Conn.

Rooted rose cuttings. Bride, Chatenay, Gate, Perle and Ivory, $2.00 100. Uncle John and Beauty, $3.00 100.
J. F. Ammann, Edwardsville, Ill.

Crimson Rambler roses, extra, $15.00 100; H. P. roses, best varieties, $10.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Roses. Rooted cuttings of Bride, Maid and Gates, $1.25 per 100; $10.00 per 1000.
Rhoten Bros & Co., Bx. 5, Danville, Ill.

ROSE STOCKS.

Manetti stocks, just received in fine condition. No. 1, 5 to 10 mm., $10.00 per 1000. $95.00 per 10,000; No. 2, 3 to 5 mm., $7.50 per 1000.
JACKSON & PERKINS CO., Newark, New York.

Selected English Manetti stocks, 5 to 8 mm., $12.00 per 1000. S. J. Reuter, Westerly, R. I.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

RUBBERS.

Rubber plants, 5-in., 50c each. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

SALVIAS.

Salvias, in variety, 2¼-in., $2.00 100; $17.50 1000. Holt's mammoth sage, $2.00 100; $15.00 1000. R. Vincent, Jr. & Son, White Marsh, Md.

Salvias, the two best. Drooping Beauty, dwarf; and Bonfire, tall; $1.00 100; $8.00 1000.
The W. T. Buckley Co., Springfield, Ill.

Salvias St. Louis and Bonfire, rooted cuttings, $1.00 100, $8.00 1000; 2-in., $2.00 100.
E. B. Randolph, Delavan, Ill.

Dwarf salvias, varieties that ARE dwarf and early to flower, $3.00 100; $25.00 1000.
E. G. Hill Co., Richmond, Ind.

Salvias Jean Revenal and splendens, rooted cuttings, 75c 100; $6.00 1000.
Frank A. Pierson, Cromwell, Conn.

Salvia rooted cuttings, 6 var., $1.00 100; $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Salvia rooted cuttings, $1.50 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Salvias, tall and dwarf; rooted cuttings, $1.00 100; $8.00 1000.
Critchell's, Avondale, Cincinnati, Ohio.

Salvia rooted cuttings, from sand, $10.00 1000. Cash. J. Ambacher, West End, N. J.

Salvia Fire Ball, 2½-in., $2.00 100.
Geo. L. Miller Co., Newark, O.

Salvia splendens, $1.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

SANTOLINAS.

Santolina tomentosa, rooted cuttings, $1.00 100; $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

SEEDS.

Aster seed. We have a surplus of the following home-grown aster seed, perfectly clean and plump: Vick's Daybreak, $1.00 oz.; Vick's Branching, Rose, 60c oz.
Nathan Smith & Son, Adrian, Mich.

SEEDS—Continued.

Verbena. Improved mammoths; the very finest grown; mixed, 1000 seeds, 25c.
Cineraria. Finest large flowering dwarf, 1000 seeds, 50c.
Phlox pumila compacta. Very dwarf and compact; grand for pots; in finest colors, mixed. Trade pkt., 25c.
Alyssum compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots. Trade pkt., 25c.
Chinese primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.
Pansy. Finest giants, the best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c.
Petunia. New star, from the finest marked flowers, extra choice. Trade pkt., 25c.
Cash. Liberal count of seeds in all packets.
John F. Rupp, Shiremanstown, Pa.

Asters. Queen of Market, white, rose, purple, 50c oz.; mixed, 35c oz. Peony-flowered, white, pink, 50c oz.; mixed, 35c oz. Giant Ostrich Plume, white, pink, purple, lavender, 75c oz.; mixed, 60c oz. Ostrich Plume "The Bride," white, changing to blush pink, very fine, $1.00 oz. Semple's Branching, white, purple, rose, daybreak, 60c oz.; mixed, 50c oz.
These seeds are of my own raising and are absolutely free from disease, are fresh and very fine.
W. H. Newman, Akron, Erie Co., N. Y.

New crop flower seeds.	100	1000
Asparagus plumosus nanus	$0.60	$5.00
Cyclamen giganteum	.60	5.00
	Oz.	Trade Pkt.
Salvia Bonfire	$2.25	$0.25
Salvia splendens	.90	.20
Stocks, dwarf 10 weeks	2.75	.25
Verbena, mammoth	1.00	.20
Begonia, Vulcan and Vernon		.25
Petunia fim. grandiflora		.50
Petunia fim. grandiflora, double		1.00

W. C. Beckert, Allegheny, Pa.

COLORADO EVERGREEN SEED. Abies concolor, A. Douglasii, A. grandis, Picea Engelmanni, P. pungens, Pinus artistata, P. ponderosa, P. flexilus, 25c trade pkt.; the 8 packets postpaid, $1.50. Our seed is gathered at an altitude from 7,000 to 10,000 ft. and produces trees of extreme hardiness. Our P. pungens seed is gathered from the bluest trees in Colorado.
D. S. Grimes & Son, 3032 West 32nd Ave., Denver, Colo.

Choice hollyhock seeds. We offer superb, single, separate colors, 8 kinds, 90c per oz.; superb, single colors, 8 kinds mixed, 80c per oz.; double hollyhocks in 6 separate colors, 90c per oz.; double hollyhocks, 6 varieties mixed, 80c per oz. Hollyhocks, strong, field plants, double colors, $5.00 per 100; strong, field plants, single colors, $5.00 per 100. Cash with order, please.
John Charlton & Sons, Rochester, N. Y.

NEW CROP
CLEMATIS PANICULATA SEED.
Grown at our FLORACROFT TRIAL GROUNDS, trade packet, 10c; per ounce, 40c; per lb., $3.50. Write for special quotations on quantity.
JOHNSON & STOKES, 217-219 Market St., Philadelphia, Pa.

Seeds. Hollyhocks in 10 best varieties, all double; delphiniums in 12 varieties; Dianthus barbatus, auricula flowering; Veronica longifolia; digitalis, in great variety; Lobelia cardinalis; Lobelia syphylitica, blue. Write for trade prices. Single trade packet, 10c.
Chas. Long, Jefferson Ave., Rochester, N. Y.

New crop ASTER SEED. Our strains are procured from the leading specialists in Europe and America. For varieties and prices see our display adv. in this issue. If you haven't received our wholesale list for florists, we shall be pleased to send you one.
Johnson & Stokes, 217-219 Market St., Phila.

Carlson improved aster seed, pure strain; recognized as the leading aster for cut stock; no disease; no yellows. Early White, Late White, Shell Pink, Lavender, trade pkt., 25c; ¼ oz., 50c; oz., $1.50. Order early to insure getting all colors.
E. H. Hunt, 76-78 Wabash Ave., Chicago.

HIGH-GRADE SEED. We offer a special price on Asparagus plumosus nanus seed, fresh from the greenhouses. We guarantee it to be absolutely fresh. 100 seeds, 75c; 1000 seeds, $5.00. Special price on large quantities.
H. F. Michell Co., 1018 Market St., Phila.

The new aster, KATE LOCK, is the finest aster in existence; blooms are 5 to 6-in. in diameter, full center, with stems 36 to 43 in. long. Price: $2.00 1000 seeds. Colors: White Daybreak, and mixed.
J. H. Lock, 41 Manchester Ave., Toronto, Can.

Asparagus plumosus nanus seed, new crop, greenhouse grown, best germination, 100 seeds, 60c; 1000 seeds, $4.50. In stock—begonias, gloxinias, gladioli, tuberoses, etc. Send list of wants.
H. H. Berger & Co., 47 Barclay St., New York.

Ours are seeds of QUALITY and are ALWAYS reliable. Wholesale catalogue for the asking.
Arthur T. Boddington, 342 W. 14th St., N. Y.

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TROUBLE WITH HEATER.

I have a greenhouse 15x28 and heat with hot water, the boiler 24x42 inches, set two feet below the ground level. The supply tank is four feet above the boiler. I use about 200 feet of 1¼-inch pipe. It all has a fall except one stretch of twenty feet. The return pipe and the supply pipe enter the boiler at the same place. When I get up good heat the tank will overflow through reaction, but we have a faucet where we draw the water out of the pipes and stop the overflow. What is the defect? A. W.

Small heating plants such as you have are more difficult to regulate than are more extensive ones. The temperature rises and falls more quickly and as a result a larger space in proportion must be provided for expansion than with more extensive systems. I believe that a part of your difficulty can be overcome by combining all the returns into one or two pipes and connecting them with the bottom of the boiler. There must be openings provided for admitting the returns near the base of the boiler. Place a tee in the return eight to ten inches from the point where return enters boiler and carry a ¾-inch pipe up as high as the boiler room or greenhouse will permit, ten or twelve feet if possible, and to this attach a fifteen-gallon steel tank similar to those used for storing hot water in dwellings. Attach an overflow to this tank, which will connect with the down spouts or a drain. A tank of this size should be sufficient to hold the expansion of a plant the size of the one you have. If the expansion tank used is an open one a float can be arranged in it for opening and closing the draught of the heater. When the fire gets high enough to cause the water to rise in the expansion tank the float will be lifted and close the draughts and dampers and when the water returns again to its proper level the draughts and dampers will open with the settling of the float.

I am not able to criticize the system of piping from the description given, but it is never wise to have hot water pipes on a level for any considerable distance. L. C. C.

NERINES.

Among autumn flowering greenhouse bulbous plants there is no doubt the nerines rank first. Their culture is simple, they are easily propagated, and they are equally as useful for cutting as for decoration, as their long stems make them extremely useful for vases, etc., and the predominant colors being rose or pink, they never fail to please.

Nerines are old favorites with some, but have never seemed to gain headway to the extent they should do, probably owing to their supposed shy flowering propensities. The chief point in successfully flowering nerines well is their subjection to a thorough scorching in the sun soon after they become dormant, and for this purpose I reserve a frame for them and they remain in this, with little ventilation and no water, until about the middle of August, when they are taken out and placed in a greenhouse to throw up their flower stems. When the flower stems appear weak, liquid manure once a week is given, and is very beneficial. As leaf growth commences, watering is increased until the growth shows signs of maturity, when it is gradually reduced until the bulbs are quite dormant, when it is withheld.

Where a number of offsets are to be grown on to flowering size, I have adopted the planting-out system with decided success. A frame is selected where a minimum temperature of 40 to 45 degrees can be maintained, and a maximum of 50 degrees not exceeded. Good drainage is provided and covered with loam, leaf-soil, and sand in equal parts to the depth of six inches. In this the young bulbs are planted, three inches apart each way, with their crowns just showing above ground. I have this season lifted a fine batch of nerines, which were treated in this way.

The great advantage one gains in growing nerines in this manner is that better bulbs are produced in less time than when grown in pots, and there is a considerable curtailment of labor.

There are about a score of species and many varieties of nerines, but all are worthy of cultivation, and will well repay any labor bestowed upon them.—Gardeners' Magazine.

Atlanta, Ga.—Benj. Gillespie, florist at Grant park, has resigned to resume his old position as gardener at Oakland cemetery.

Unadilla, N. Y.—N. H. Padgett was completely burned out on February 2. Three greenhouses, office, work room and all the contents were destroyed, with no insurance. Mr. Padgett says he cannot rebuild before spring but he expects to start again at the bottom of the ladder.

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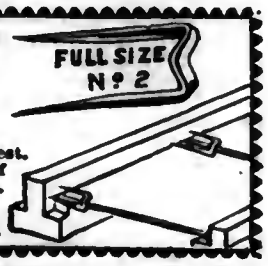
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By B. T. GALLOWAY.
This is the second edition of this very successful book, revised and brought up to date. Handsomely printed. Fully illustrated.
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By L. R. TAFT.
A complete treatise on the subject. All the best and most improved structures are so fully and clearly described that one will have no difficulty in determining the kind best suited to his purpose. Fully illustrated.
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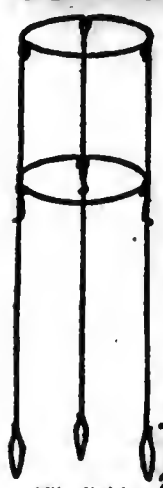
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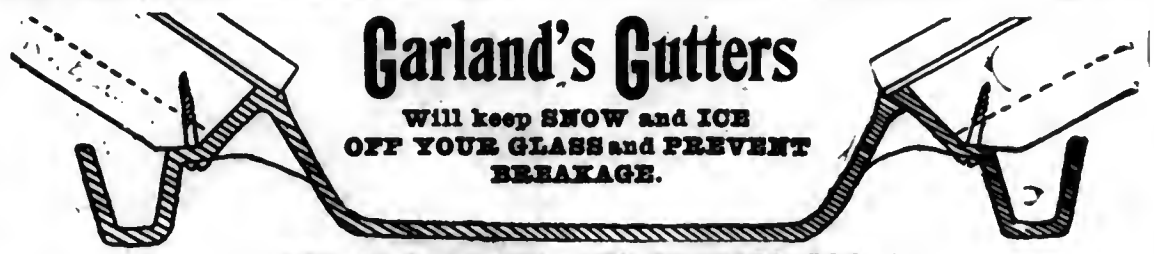
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TARRYTOWN, N. Y.

The Tarrytown Horticultural Society held the first meeting of the year on January 31. The newly elected president, Francis Gibson, occupied the chair. The prize of the evening, a pair of handsome sleeve links, given by L. A. Martin, was for the best plant suitable for table decoration. Several foliage plants and several flowering plants were placed in competition. The judges, J. Mooney Hastings and Howard Nichols, awarded the prize to William Scott, his exhibit being a plant of Croton superba. A very interesting discussion was brought out regarding the relative merits of flowering versus foliage plants for table decoration, the consensus of opinion seeming to lean to the plant with flowers. The F. R. Pierson Co. exhibited several vases of carnations and was awarded a certificate of merit for Variegated Lawson, also honorable mention for vases of Flamingo and White Lawson. The secretary announced that he had the offer of two special prizes for the next November shows, one of $25 from Mrs. J. B. Trevor for the best twelve blooms of Glenview chrysanthemum, and a silver cup from F. R. Pierson for fifty blooms of Variegated Lawson.

TORONTO.

Trade during the past week has been a considerable improvement over previous weeks and the retail men all report that receptions, at-homes, etc., are more numerous than during January and we also note that there is an increased demand for white flowers for funeral work. Roses are still short, carnations and bulbous stock of all kinds plentiful. Stock does not seem to be moving off as freely as other years.

We are glad to report that Mr. Lampert, of the College Street Flower Shop, late of Chicago, who has been laid up with sore throat, is back to duty.

The carnation show under the auspices of the Horticultural Association and Toronto Gardeners' and Florists' Association will be held February 16 in St. George's hall. We expect a fine exhibition of this truly popular flower.

D. J.

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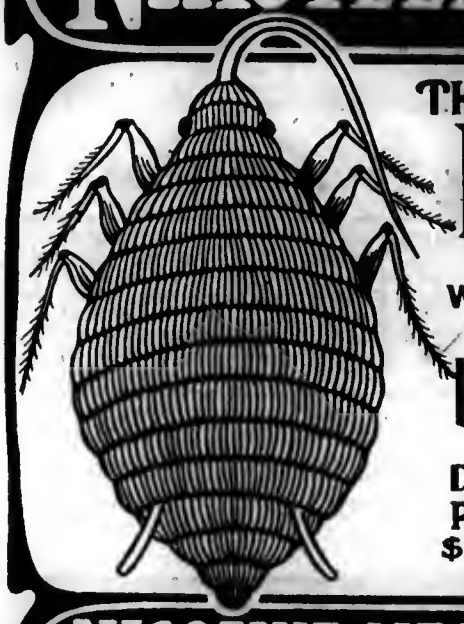
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G. L. GRANT, Editor and Manager.

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MISCELLANEOUS SEASONABLE HINTS.

Watch the Azaleas.

Very soon your fall-imported azaleas, even if they are kept cool, will be making new growth from the base of the flower bud and if these young growths are not kept rubbed off they will take all the strength from the buds, which will shrivel up and you will have a fine green bush but no flowers. If well budded, keep all that young growth pinched off as soon as it appears.

There are a few varieties that flower poorly the spring following their importation, notably Bernard Andre and Bernard Andre alba. If you see there are not enough flower buds on them to make salable plants, then let these young shoots grow and you will have fine plants for a year from now. Summered-over azaleas seldom have this tendency to make a growth before they flower. There is no doubt that selling the plants the first spring is most desirable, yet the plants that did not sell, if given good and correct care during summer, make the finest plants and have increased fifty per cent in value.

Overdrawn Tulips.

I noticed last week some Yellow Prince tulips drawn up to 15-inch stems and rather spindling. It was no fault of the bulbs; they have had too high a temperature and too much shade. Every week now as we approach spring their gay flowers will want less heat and shade and by March 1 they will come along to perfection on an ordinary bench without any shade. While a good length of stem is desirable, when it is weak and spindling your crop is about valueless.

Good Ferns Always Salable.

There is sure to be at least the usual demand for a nice pot or pan of nephrolepis at Easter. We would a year ago have simply said Boston fern, but now there are Piersoni, Anna Foster and lastly comes perhaps the most useful of all, Scottii. Well grown plants of these ferns sell every day in the year. I think right at this season we are selling more moderate-sized plants of the old Boston form, plants worth from $2 to $3, than we are any three other plants, and well do they deserve their popularity.

Piersoni seemed to get a set-back last year after the first gush of admiration for its beauty. I notice of late if you can show a Piersoni in an 8-inch pot, fairly dense with fronds, that it will outsell any of them. We are not yet all on to the wrinkle of how to make salable plants of Piersoni as quickly as we can the Boston, but we know it is a most free and luxuriant grower or Mr. Pierson could not have grown that great and splendid stock in so short a time, for we saw the mother plant—not a very thrifty looking old hen, either—surrounded by her flock of little chickens. And now he is sending out Piersoni elegantissima, certainly a beautiful thing.

Anna Foster is very attractive when a specimen but it reverts too much. Scottii seems as if it would be the leading commercial nephrolepis. Its dense growth of fronds, even as a small plant, makes it a specimen in a 4-inch pot and its form in larger plants is perfection.

Making-up Pans.

Too often we are guilty of making up 8-inch or 10-inch pans of these ferns by lifting 3-inch or 4-inch plants from the benches and potting several of them together. They pass in appearance, yet it is not the honest thing to our customers. Plants for spring sales should be shifted now, so that they will become well established. There is no harm in putting three plants in one pan to make a good sized plant, but give them time to get well rooted and make a growth that takes off that stiffness which made-up pans always have. Don't keep these plants in the shade. Give them a light, sunny position and plenty of room to grow or you cannot produce a shapely plant. In a fern it is form, not color, that is admired. Give these ferns that you want to grow just for the next two months about 60 degrees at night.

Shifting Palms for Spring.

Moderate-sized palms have sold better the past year than they have for two or three years. Palm raising is best left to the specialist. We raised a few thousand kentias for two or three winters and are convinced. You can buy plants in 4-inch pots and upwards from the man who raises a hundred thousand cheaper than you can raise them. It is their specialty and there is nothing like division of labor. It is a feature of the highest civilization.

Palms just potted are dangerous to sell to a customer. The customer is crude enough about watering without giving him a newly shifted plant to wrestle with. Don't be afraid now to shift a palm that will want it this spring. Kentias need only a comparatively small pot, but a customer will be sure to want you to shift it if the pot looks too small. If skillfully done, a shift from a 5-inch to a 6-inch or from a 7-inch to an 8-inch pot will do. Larger plants can, of course, be given a shift of two or three inches. Be sure with small kentias not to bury the base of the stem beneath the soil, or not more than half an inch, and let the soil be well firmed between the old ball and the pot.

Arecas and latanias will enjoy a more liberal shift, say from a 5-inch to a 7-inch or from a 7-inch to a 9-inch pot. While shifting these palms it is a good time to thoroughly clean them. Brown scale and mealy bug appear sometimes in the best regulated families. A sponging with fir tree oil, kerosene emulsion or Gishurst Compound will thoroughly clean them and make them look bright.

Sowing Early Asters.

It will now be about time to sow some of the early asters if they can be planted out the end of April. It is only for very early cutting that the small early varieties are used. The Comet, Victoria, peony-flowered and, best of all, the late branching varieties, need not be sown until early March, and then if you want successive crops you should sow at intervals of three weeks up to the middle of May.

Improve Your Strain.

Did you ever try saving your own aster seed? All there is about it is to select a few dozen of the very finest blooms, tie them to a stake so they won't get cut or broken down and, when thoroughly ripe, put the heads away in a paper bag and clean them at your leisure. Although I am a thorough believer in the division of labor, it is worth while saving some asters when you see a very fine flower. It may be good in color, form or size. You will be pretty sure to get as fine flowers as the parent and in a few generations a considerable improvement will be effected if every year you select only the finest flowers for seed.

Antirrhinums.

In these days when flower gardening is desired to be interesting rather than gaudy, a bed of antirrhinums is well worth a place. There is a splendid strain of large-flowered varieties that make a beautiful flower bed. Separate colors can be used, yet a mixed bed of colors is, I think, prettier. If sown now and transplanted later into flats they can be planted out after danger of hard frost, for they are nearly hardy plants, and will commence to flower by the end of June.

Propagating Genista.

This should be a busy time with the propagating bed. Besides all your soft-wooded bedding plants, there are some cuttings to go in that will be wanted as flowering plants next winter and spring. The cytisus, or genista, is one. Don't take little, single shoots, but take little branches with two or three shoots and a heel where it came off a stronger growth. You can always find such growth on the larger plants. They root freely and will make good, salable plants in one year.

The Euphorbia.

Euphorbia fulgens (it used to be known to the trade as E. Jacquiniæflora) is another pretty and useful cut flower plant that can be propagated now. Twenty-five years ago this was a standard cut flower, but it went out of fashion. It is as easily grown as the poinsettia, which is also a euphorbia, but very different in appearance. Any small piece with two or three joints of this winter's growth, but not too soft, will root easily in sand in a bottom heat of 65 degrees. It needs that heat, as it is a tropical plant. They can be pinched as they grow and plunged outdoors during the hot months and planted out on the benches in September, or if you can spare the room they will make a freer growth if planted out of 3-inch pots on the bench in June. They will just delight in the tropical heat that the glass will afford. The long, dropping branches, studded with the vermilion flowers, make them invaluable for decorations, and nowadays they are a novelty in many places, and the public is always after a change. WILLIAM SCOTT.



CARNATION NOTES.—EAST.

Care of Young Stock.

I have often noticed the inclination of some growers to let the young stock in a great measure shift for itself. Sometimes the space along the edge of a bench occupied by blooming plants is used to stand them in and they are even seen strung along the edge of the paths.

While every grower must utilize his space to bring the largest returns, there is such a thing as giving so much attention to immediate returns that the stock intended for future revenue is allowed to suffer. Placed in damp, half-lighted or badly-ventilated quarters, the only result will be weak, spindling plants, good subjects for disease.

It is not necessary to give them a house by themselves, or a bench having great head room, but it is imperative that there be room to breathe and this means space between the plants, a sunny situation and also provision for abundant ventilation. The time is quite near when the sun will raise the temperature very rapidly between 10 a. m. and 2 p. m., therefore the matter of ventilation is of great importance.

For several years we have used a side bench on the west of a north and south house. A side ventilator opening directly out from this bench has contributed much toward the thrifty growth we have been able to maintain. After planting out time, this bench is filled with bedding or vegetable plants, followed by mums to be lifted and potted in late August, then filled with field-grown, dwarf stevia harvested during December and January, when it is again ready for young carnations. I make this digression to show this space is a paying one, withal it is intended mainly for the reception of young stock.

The importance of keeping clear of insect pests cannot be too strongly urged, as by their means various diseases gain entrance. Aphides are the most prevalent and at the same time the easiest to combat. They invariably occupy the tender leaves in the heart of the plant and are difficult to dislodge, but with regular fumigation as a preventive, all trouble will be avoided. The appearance of red spider indicates decidedly wrong treatment; probably too high temperature and close atmosphere have weakened the plants. Such conditions are eagerly seized upon by these pests and once established are, like the Russians in Corea, hard to unseat, but it can and must be done. Geo. S. Osborn.

CARNATION NOTES.—WEST

Handling Stock of Novelties.

By this time you are receiving your stock of new varieties, and a few hints regarding the care of the cuttings and plants will not be amiss. Inform your local express agent not to send any of your boxes out unless the wagon is coming directly to your place, and not then if the weather is cold. Have him call you up by 'phone and then you can send for the box and have the stock protected from the cold. If the box shows any signs of having been exposed to the cold, do not open it in a warm room, but keep it in a cool shed for several hours, so it can warm up gradually. You will find in nearly all cases it is advisable to open the boxes in a cool room rather than in a warm one.

Before unwrapping have everything ready to pot up the cuttings, and do not unwrap too many at a time. Remember that these cuttings are not altogether the same as those you take from your cutting bed. They have been packed up close for perhaps three or four days and are softer than when they were taken out of the sand and will wilt quicker. The soil should be the same as you use for your own cuttings, good rotted sods, the same as you use for planting, except that you do not mix in any bone or other fertilizer.

The size of pot will depend largely on the cuttings and how well they are rooted. For well rooted cuttings we use mostly 2½-inch pots, but for cuttings that are not strong or well rooted we use 2-inch. Do not pot too deeply, but set the cuttings into the soil deep enough so they will stand up well. Pot firmly. As soon as they are potted and set away water them sufficiently so the water will go to the bottom of the pot. After the water has soaked in dump one of them out and see if it was sufficient. In case you use new pots you will frequently have to water twice, unless you soak the pots before potting.

Cover the cuttings with paper the first two days, whether the sun shines or not, and spray them each morning before covering. On sunny days they will need shading at least a week, and if the sun is quite strong dampen the papers about noon to keep them from drawing moisture from below. Set them on a good light bench, where the sun will strike them full. Always bear in mind that this is your next season's stock, and the best of culture in the field will not rectify any neglect the young plants are subjected to before they are planted out.

About 48 to 50 degrees is best for them. They will make a strong, sturdy growth with thick stems and short joints, and when you top them they will break from several eyes. After they have taken hold good, do not spray them except to syringe for red spider or other insects. Watch them closely for any kind of disease, and as soon as you notice any signs pick off the diseased leaves and apply the proper remedies. Do not over-water them, but rather keep them a little on the dry side after active growth commences; the growth will be firmer and healthier.

Now, all the above applies to cuttings that arrive in good condition. But suppose you receive a box that shows that the contents have been subjected to more or less frost. If you see it before opening the box, set it in a temperature of 40 to 45 degrees for about twelve hours and let it warm up gradually. If you open it before making the discovery, dip the cuttings into a pail of cool water several minutes before unwrapping and set in a cool place an hour or two before potting. Avoid sudden changes in all cases.



Bench of Carnation Fred Burki at John Murchie's, Sharon, Pa.



Two Sides of the Flower of Carnation Fred Burki.

If the cuttings are not so well rooted as you might wish, don't dump them back into the box and send them back to the shipper, but notify him at once and take the best of care of them. If he is a fair minded business man he will make allowance or replace what you lose through his fault. If among them are some that had the roots broken off in packing, they will seldom fail to root if you stick them into your propagating bed. That is much wiser than to pot them along with the rest. This often happens with some varieties; one of the worst is Mrs. Lawson. The roots branch out so much that the main root, where it joins the cutting, is often not able to support the large bunch of roots and the sand that clings to them.

When you pay a good price for novelties you naturally expect good cuttings, well rooted, and you have a perfect right to. But on the other hand bear in mind that in nine cases out of ten the disseminator is pushed to the limit for early deliveries and often he is hardly to be blamed if he takes a batch out of the sand a few days sooner than he ought. If the cuttings are the right sort and they only lack in quantity of roots, you should not lose your temper. Stick them into the cutting bed a week or two and you need not lose any of them. The disseminator is in most cases a hard worked and much abused man. Everybody demands early delivery, and unless he is able to calculate well he is apt to over-book on the early propagations, and then is when his troubles commence. So have patience and trust him to do the very best he can for you, and if he falls short of your expectations don't judge him too harshly. A. F. J. BAUR.

CAUSE OF STEM-ROT.

In the report of the carnation convention I read where Mr. Weber and others gave it as their opinion that much stem-rot originates in the cutting bench. I, too, think so. It may be that my experience will be of interest to some readers of the REVIEW. I have a range of three-quarter span houses running east and west, long span and ventilator facing south in all except the north house, which has its long span and ventilator facing north. Years ago, when stem-rot first began, I had my cutting bench in a center house under the long span, with bottom heat and no direct air, as the air from the next house could not reach the bench owing to there being no open space between the houses and the ventilators in the same house gave no direct air on that bench. Consequently there was always a warm moisture, very conducive to fungus, as I had to water often on account of the bottom heat. Cutting bench fungus started with a vengeance. I lost great patches two and three feet square all over the bench. Each day I would have to throw out the dead cuttings by the handful, and of those that managed to escape some would die after planting into soil and others would die by the hundreds in the field, and still others after planting in the houses in the fall, and so on all through the winter, till by spring my houses would only be half full.

I was nearly at my wits' end. I tried using fresh sand each year and thoroughly drying the bench and then whitewashing it and planting in fresh soil each year to check it, but all to no purpose; the disease went from bad to worse until it occurred to me that the trouble lay in the situation of my cutting bench. So I changed it, and from that time, which was eight or nine years ago, up to the present I have had no trace of cutting bench fungus or stem-rot except when we have a wet summer; then a few plants may go off in the field, but very few, and out of 15,000 planted in the houses not more than ten or twelve have had to be replaced.

My cutting bench ever since has been in a house with the long span and ventilator facing north. The bench used is under the short span and facing the ventilators of two houses, as the gutter connecting those two houses is about two and one-half feet from the bench and is open, allowing a free circulation of air to play over the well shaded bench. There is no heat whatever under the bench and very little in the whole house, only one flow and return, 4-inch pipe, along one side and across both ends, which fails to keep the house above freezing point in severe weather. Of course cuttings root very slowly in such a cold house, but every one roots and makes a strong and healthy plant. I have only to water them once, when first put in the sand. I am positively sure, from my own experience, that if benches that are free from drip, with no bottom heat and with plenty of air when necessary, are used instead of out-of-the-way benches that cannot be used for anything else, stem-rot would disappear. R. FISCHER.

CARNATION FRED BURKI.

At the Detroit carnation convention a year ago there was no variety which attracted more favorable attention than Carnation Fred Burki. This is a white seedling raised by John Murchie, at Sharon, Pa., and named for the well known cut flower grower for the Pittsburg market. It has fulfilled its early promise and this season has given better results than before. One of the accompanying illustrations shows a bench of this variety at Mr. Murchie's establishment and the other shows the front and back view of the flower. Mr. Murchie says that he does not profess that it is a first-class show flower or that it is the freest bloomer or that it is free from all the ills the carnation is heir to, but he finds that it is the only white for which he has use on his place. It has bloomed constantly since early in October and up to February 1 he had cut ten blooms to the plant, every one salable and no burst calyxes. The stems are good and strong. Mr. Murchie and S. S. Skidelsky are putting Fred Burki on the market jointly and report a good sale for the cuttings everywhere among those who have seen the stock or the flower.

NOTES ON CARNATION GROWING.

[A paper by Edward A. Stroud, read before the Florists' Club of Philadelphia, February 7, 1905.]

I have been asked to speak on the carnation and hardly know why, being probably the youngest grower around Philadelphia. However, if my experience will be of interest to any of you I am pleased to give it, telling you of our methods, which do not differ, as far as I know, from the general cultivation of the divine flower.

Doubtless after the rose the carnation is the most useful of flowers, its keeping qualities and the low price for which it can be bought bringing it in contact with the greatest number of people. There has been some advancement made in the culture of the carnation, due to the introduction of Lawson, by Peter Fisher, which, to my mind, marks the dividing line between the old and the new.

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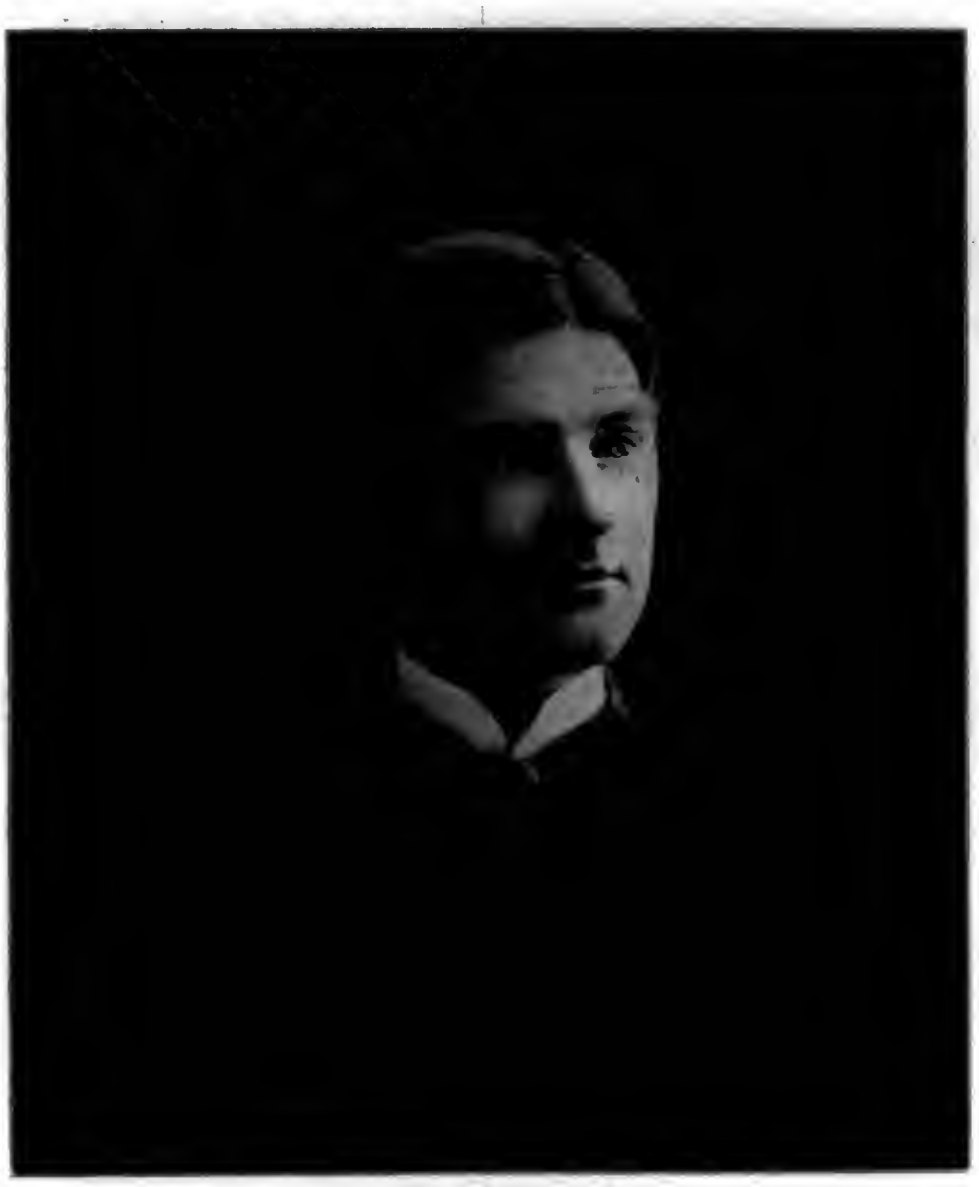
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From the propagating house we move them into the field or into the bench, the latter method being adopted by most of our modern growers. Our slight experience with indoor culture has not been a decided success over field culture, and we think that in our climate, situated as we are, a compromise between the two is much the best. We have adopted the plan of early propagating, planting in the field as soon as the weather permits and lifting the plants the middle of June. These measures have given us the best results, although we feel that to make a fair test, planting in the house should be made the same time as in the field, and not early in June, as we heretofore have done.

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The bewildering subject of stem-rot and its causes is, to my mind, due to impaired root action and a drowning process of watering. This can occur in the propagating bench, the pot, the flats, or the fields, and a check of some sort is generally responsible for it.

We plant carefully, firming the ground around each plant, and resort to frequent syringings, watering plants as little as possible while they are getting established. During planting we shade the houses lightly with cloth, removing it as soon as the plants have taken hold of the soil. Then the daily routine of staking, disbudding and watering begins and we are underway.

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By keeping careful records we find that those that produce the greatest number of flowers are not necessarily the most profitable. Our experience proves that it pays to work together with our commission man, keeping him posted as to what we will have and when we will ship. This gives him an opportunity to make sales which he might otherwise lose. We advise frequent visits to the wholesaler, not necessarily to see the proprietor but to examine the goods there, see how they are keeping and to compare them with the product of other growers. Valuable lessons may be learned in this way. It is hardly necessary to call your attention to careful bunching and packing.

In conclusion, I would quote Mr. Fred Lemon when he said at the carnation convention, "If you wish to succeed, nothing is too much trouble."

LAPEER, MICH.—W. H. Watson is planning to erect another very large carnation house in the early spring.



An Attractive Bed of Ficus, Grevillea Robusta and Ivy at Lincoln Park, Chicago.

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The subject of this sketch, whose portrait appears herewith, was born at Natick, Mass. in 1875, and was graduated from the Massachusetts Agricultural College in 1898. In the department of military science, which is a required course, he attained the rank of captain in his senior year and received commendation for having shown marked proficiency in this branch. Since graduation he has been elected to membership in the Phi Kappa Phi, one of the honorary Greek letter fraternities which has recently been established at this institution.

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The plants so treated are kept in a warm greenhouse, a temperature of 65 degrees being about right, and the moss kept continually moist and as soon as the roots are seen issuing through the moss the tops may be cut off below the moss, and potted up into 3-inch or 3½-inch pots, then placed in the same or a similar warm house, and shaded from the sun for about a week, by which time they should be sufficiently established to stand full exposure.

When potting off the cuttings do not attempt to remove the moss, or the tender young roots are likely to be broken.

At this season ficus tops may take from four to six weeks to root, but during the summer they will frequently form roots in about three weeks, much depending upon the condition of the shoots, large and sappy growths requiring more time than the short-jointed and firm side shoots, and of course the plants must have regular conditions of heat and moisture to ensure success.

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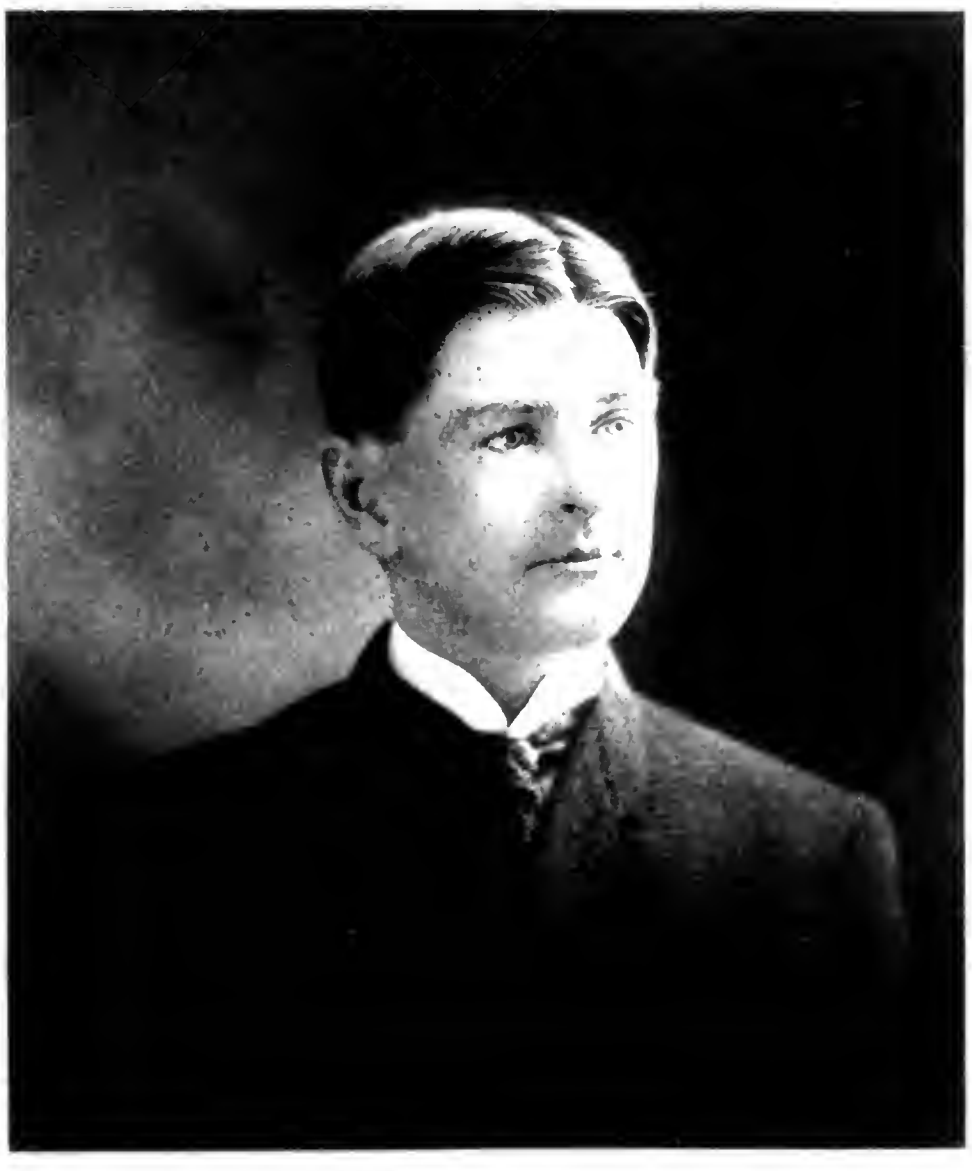
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pots. These were very welcome, for they are perfectly hardy here and do well and live year after year, spreading into big mats, which in early summer are a sheet of white or pink or purple blooms, according to variety. Anyone doing jobbing, gardening, park or cemetery work should grow these hardy pinks extensively. They always give satisfaction.

Blind Bros. have their messenger boys togged up in a very stylish uniform, and were questioned about it. We thought it very proper and complimented them on this get-up and progressive step. "Yes, that's all very well," explained Ernest Ludwig. "I tried that thing years ago, and I would have a new boy maybe every week or every month, and that meant a new uniform every time I had a new boy, so I quit it. I wasn't going to clothe every kid in Allegheny."

T. P. LANGHANS.

T. P. Langhans, the new president of the Pittsburg and Allegheny Florists' and Gardeners' Club, is one of the men of the time, about 31 years old, full of energy and a shrewd business man. He entered the florist's business about February, 1896, as bookkeeper for G. & J. W. Ludwig, of Pittsburg, but the following year entered into partnership with Frank Breitenbaugh in the Allegheny Market, under the firm name of Langhans & Co., and continued until July, 1898, when he with Fred Burki and W. A. Clarke entered into partnership as the Pittsburg Cut Flower Co., Ltd., Mr. Langhans acting as secretary. As Mr. Langhans does nothing by halves, his election to its head speaks for a successful year for the club.



T. P. Langhans.

PRONOUNCING DICTIONARY.

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Frequent inquiry as to the correct pronunciation of plant names has led us to compile the following list of names, selecting those in most common use in the trade, and including botanical terms most frequently met with in articles upon plant culture.

In our list we have used the following

KEY TO PRONUNCIATION.

a as in fat	e as in met	ō as in note
ā as in fate	ē as in mete	ö as in move
ä as in far	ė as in her	ô as in nor
å as in fall	i as in pin	u as in tub
ã as in fare	ī as in pine	ū as in mute
à as in Persia	o as in not	ù as in pull

The syllables to be accented are marked thus '.

S

(CONTINUED FROM LAST WEEK.)

Spectabilis—(spek-tā'bil-is).
Sphagnum—(sfag'num).
Spicerianum—(spī-ser-i-ā'num).
Spiræa—(spī-rē'å).
Spiranthes—(spī-ran'thēz).
Splendens—(splen'denz).
Sprekelia—(sprē-kē'li-å).
Sprengeri—(spreng'er-ī).
Spruce—(sprös).
Squarrosa—(skwar-ō'så).
Stachys—(stā'kis).
Stamen—(stā'men).
Staminate—(stam'i-nāt).
Stanhopea—(stan-hō'pē-å).
Stapelia—(stā-pē'li-å).
Staphylea—(staf-i-lē'à).
Statice—(stat'i-sē).
Stellata—(ste-lā'tà).
Stephanotis—(stef-a-nō'tis).
Sternbergia—(stern-ber'ji-å).
Stevia—(stē'vi-à).
Stigma—(stig'mà).
Stipa—(stī'på).
Stipule—(stip'ūl).
Stokesia—(stō-kē'si-å).
Stolon—(stō'lon).
Stratiotes—(strat-i-ō'tēz).
Strelitzia—(strē-lit'si-å).
Streptocarpus—(strep-tō-kär'pus).
Striata—(strī-ā'tå).
Strobilanthes—(strob-i-lan'thēz).
Stuartia—(stū-är'ti-å).
Styrax—(stī'raks).
Suffruticosa—(su-frö-ti-kō'så).
Swainsona—(swān'son-å).
Sylvestris—(sil-ves'tris).
Symphoricarpos—(sim-fō-ri-kär'pos)
Symplocos—(sim-plō'kos).
Syringa—(si-ring'gå).

(To be continued.)

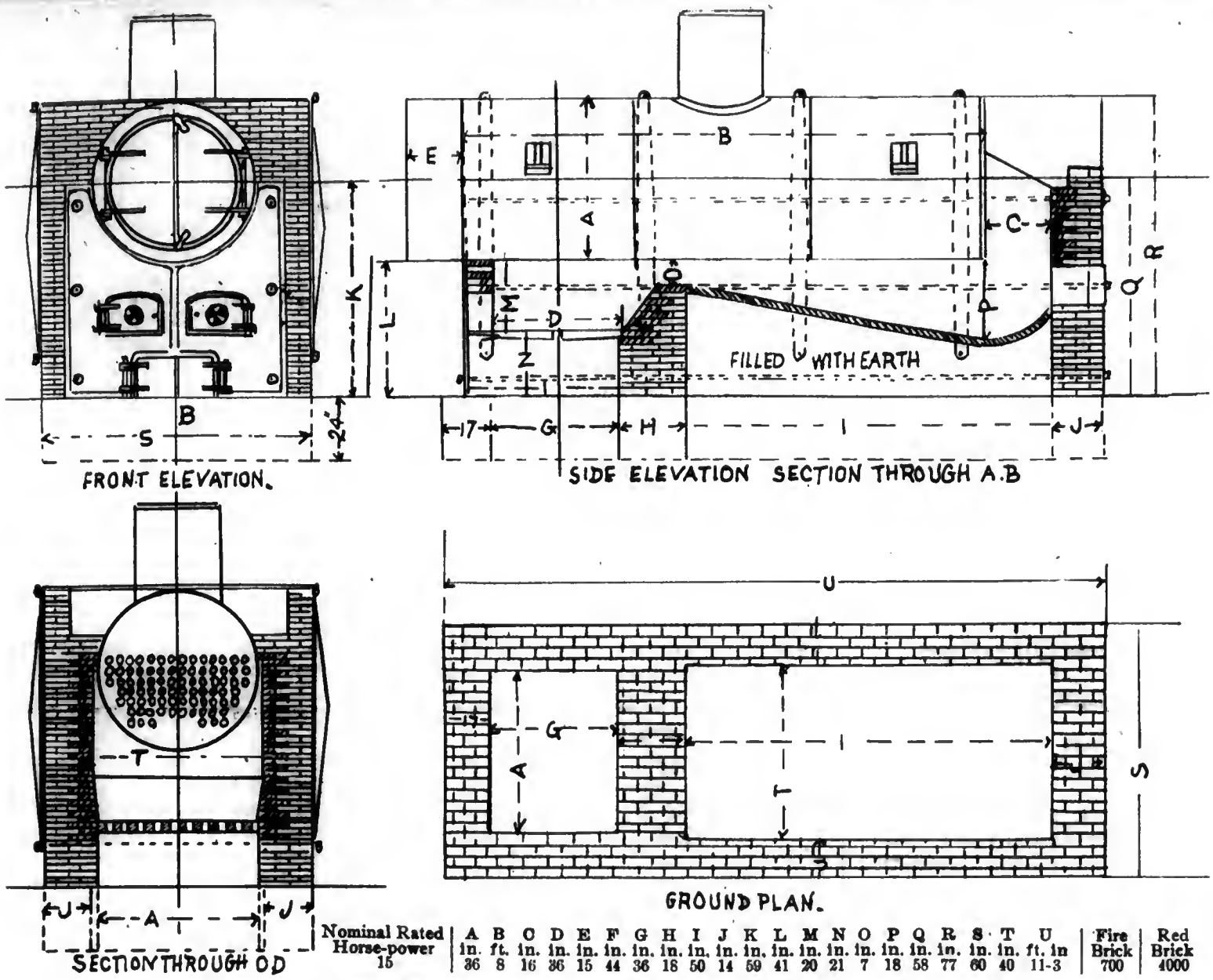
SETTING FOR TUBULAR BOILER.

I have a horizontal tubular boiler three feet in diameter with a steam dome. There are twenty-eight 3-inch flues eight feet long. The grate bars are three feet. I would like a description of the brickwork to go around the boiler. Is nut or pea coal cheaper to burn than lump coal? How often should the flues be cleaned? How many square feet of glass can be heated with this boiler? How often ought I to have to fire it to keep up steam when it is 20 degrees below zero outside? BEGINNER.

The brickwork suitable for your boiler can be shown better by a diagram than by description. See the accompanying illustration. The boiler should be placed so that the water line in the boiler will be three or four feet below the lowest point in the returns in the houses, so as to give a good gravity return. The boiler pit should be large enough to allow room in front for clearing the flues and space enough in the rear to clean out any soot or ashes which may collect on the under side of the boiler shell or in the space back of the fire-box. A door should also be provided at the rear, close to the bottom of the boiler, to admit of cleaning this part of the boiler. The excavation for the boiler setting need not be brought down to a common level. The floor level need only be carried back far enough to give space for the ash pit and bridge wall, the earth may be allowed to remain intact back of the bridge wall to the height of the ash pit. This will save both in cost of excavation and cost of brickwork. This is shown in the sketch between H and J.

About 700 fire brick will be needed and about 4,000 arch brick to build the setting. Walls eighteen inches thick should be carried up above the fire line, but from that point up they may be reduced to thirteen inches. The brick work should be made about two inches larger, inside measurement, than the diameter of the boiler over all, and after the boiler has been hung on its lugs, or bearings, a course of brick should be set up to within about a quarter of an inch of the boiler shell. The brickwork should be carried about two courses above the level of the top of the shell of the boiler. The space above the boiler should be filled with sand or dry ashes to form a jacket to prevent loss by direct radiation from the boiler.

An 8-inch stack should be large enough but I believe that a 10-inch one would be better and that it should be high enough to extend a foot or two above the ridge of any near-by buildings. In case there are no buildings I would not



Nominal Rated Horse-power	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	Fire Brick	Red Brick
	in.	ft.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	ft. in		
15	36	8	16	36	15	44	36	18	50	14	59	41	20	21	7	18	58	77	60	40	11-3	700	4000

Plan of Brickwork for Setting a Horizontal Tubular Boiler.

make the stack less than sixteen to twenty feet tall.

In general it may be said that pea or buckwheat will be found to be the most economical form of anthracite coal to use in a low pressure plant. With hard coal it should be sufficient to clean the flues once in two days; with soft coal they should be cleaned every twenty-four hours.

The boiler specified has a capacity for about 500 feet of radiation, which should carry about 2,500 feet of glass at 70 degrees, or about 3,000 feet at 60 degrees. The frequency of firing will depend altogether upon the efficiency of the dampers, the kind of fuel used and the ability of the fireman to make a fire.

L. C. C.

NEW YORK.

The Market.

No sooner had we materialized a respectable temperature in the east than they sent on a 24 degrees below zero zephyr from Chicago that blasted all the hopes of the market's recovery. All last week was severely cold until Saturday. Then came a closing out of gathered surplus, especially of violets, price being the last consideration. It would be impossible to say how many were in the ice boxes, or of what uncertain age some of them had become. Certain it is that hundreds of thousands were disposed of at $1 per thousand. No wonder the grower opens inquiring eyes upon returns, little realizing that very often he has received a considerable advance upon the price actually obtained by the conscientious commission man. But Saturday's temperature was too good to last and, after Sunday's steady downpour a chilly greeting was not unexpected.

Roses have become plentiful again. Their quality is superb, but prices have fallen all along the line. Few Beauties reached over 50 cents and with rare exceptions could Brides and Maids command over 12 cents for special grades. Carnations flood the market. Inferior stock accumulates heavily and even the finest will not clear without heavy concessions. Bulbous stock continues to arrive in battalions. The finest daffodils hang back at $2 per hundred and tulips and narcissi are over abundant. A change for the better cannot be delayed much longer. The consolation of "it cannot be worse" has been doing the comforting stunt so long it has lost its efficacy. Big balls, receptions and even the dinners of the holiday were not potent enough to dispel the gloom. To add to the general pessimism many of the wholesalers are under the weather, some of them seriously ill. Jack Gunther and Jos. Millang were fighting bad cases of la grippe all the week.

Various Notes.

The Arion ball is over and Hanft Bros. did themselves proud, as has been their custom for a quarter of a century.

The dinner of the Republican Club, which the President attended at the Waldorf Astoria, was made brilliant by the splendid floral decorations of Wadley & Smythe. American Beauties and pink roses, with an abundance of palms were used. Boutonnieres of white carnations for 1,500 were provided and the ladies' corsages consisted of American Beauties tied with red, white and blue ribbons and tiny American flags.

Retail windows these days give no indication of the outside weather. It would take no flight of the imagination when gazing at them to see the robins' nests again. Easter and spring will arrive on the same train this year and people are beginning preparations for the holiday rejoicing already. The buying of flowering plants has begun. With the enormous supply in and around New York, it is a certainty there will not be enough to go around. The early birds ought to be flying to Whitestone and Rutherford and College Point and Flatbush, without delay. Procrastination is not only the thief of time, but of opportunity.

Club Meeting.

Notwithstanding the cold wave, the banner meeting of the New York Club was held on Monday evening, over 200 being present, nearly half of whom were the lady visitors. It was ladies' night and a royal time was provided for the fair guests, which they heartily enjoyed. Professor Black sang Scotch songs in a rich baritone voice that stirred every Scottish soul in the assemblage, John Birnie and Alex. Wallace giving signs of exaltation before the music of the bagpipes ceased. Mrs. L. J. Kreshover played the piano accompaniments for Prof. Breining, tenor soloist. Miss Bessie Butters played the violin with rare skill and sweetness, her sister, Miss Marguerite, accompanying her on the piano.

All the artists were frequently encored. Professor Cameron, the bagpipe king, played his pipes skillfully and was in Highland costume, as were Jessie Cameron and Annie and Jennie Birnie. Their sword and fancy dances were one of the greatest hits of the evening. J. B. Nugent sang some of the old songs sweetly and his fellow members voted him the star performer of the occasion. The carnations were distributed among the ladies at the close of the entertainment.

The exhibitors of the evening were J. E. Haines, of Bethlehem, Pa., a vase of John E. Haines; J. L. Dillon, Crisis; Wm. Duckham, Enchantress; Guttman & Weber, Victory; M. A. Patten, Mikado; John Reimels, pink seedling No. 31 and Variegated Lawson; Sea Cliff Nursery, pink seedling Long Island Beauty; H. Weber & Sons, variegated seedling No. 63 and My Maryland; F. R. Pierson Co., Winsor, Variegated Lawson, Daheim, Patten, White Lawson, Flamingo and Enchantress; The Cottage Gardens, Lieut. Peary, Robert Craig, The President and a vase of seventy-five mixed seedlings; Max Wirman, red seedling Max Wirman; Young & Nugent, vase of cape jasmines; Peter Bisset, new pink seedling rose; Palmer & Son, Red Lawson; Robert C. Pye, No. 31, a sport of Enchantress; John N. May, Phyllis.

The Daheim and Victory on exhibition formed a part of the table decorations at the dinner of the Hungarian Republican Club on Tuesday evening, President Roosevelt being a guest of the organization. The whole exhibit was most creditable to all concerned and in beauty, value, variety and novelty has never been excelled at any club meeting in this country.

Mr. Weber, of Oakland, Md., the essayist of the evening, read a very interesting and exhaustive paper on "Carnation Diseases." Mr. O'Mara followed the essayist with an interesting and amusing criticism elaborating on the subjects of the origin of disease, immunity and sanitation. F. R. Pierson gave an interesting address on similar lines, citing his own experiences. Mr. Haines, of Bethlehem, was called upon for particulars concerning his fine red, John E. Haines and A. J. Guttman spoke on Victory, the great scarlet that is to be disseminated in 1906 through the F. R. Pierson Co. Mr. Weber spoke lovingly of his child, My Maryland, whose parentage is Lawson and Norway and which he characterizes as "an invigorated Lawson."

Mr. O'Mara, for the committee on awards, reported at length the new rules governing the committee's work in the future and the consideration of the same was deferred until March. Five new members were elected and six nominations were read. The question box contained an inquiry as to the relative merits of the rose, the chrysanthemum, the carnation and the fern and the president appointed, to lead the discussion at the next meeting, Harry May, Wm. Duckham, John Birnie and John Scott.

The Bowling Club met at 3 p. m. on Monday. Arrangements were made to accept the challenge on the Hoboken alleys on March 4, to begin promptly at 7 o'clock. John Birnie promises a strenuous time. For the deciding game with Madison, the rival captains are authorized to determine the alleys and the date. Several visitors enjoyed the afternoon bowling. It was also determined to change the hours of bowling to 4 o'clock on Monday afternoons, the new departure to commence on Monday, February 20.

J. Austin Shaw.

PHILADELPHIA.

The Market.

February, the month of carnations that are for us and holidays that are not for us, is proving a month of snow and intense cold, interfering with the natural flow of business. Conditions and prices are very much the same as a week ago. There is a good deal of shipping business, but an irregular local demand, and a good supply of stock except in choice roses. Spring flowers are more and more in evidence, with prices easier. Carnations are not always sellers. An enterprising fakir opened a store at Twelfth and Market streets to work off a surplus of divine flowers last Saturday with a bell attraction. St. Valentine's created a fair demand, especially for pansies, violets, etc., but the weather was very unfavorable.

Carnation Night.

The February meeting of the Florists' Club was exceedingly well attended. A very interesting display of new and high grade carnations was the attraction. H. Weber & Sons, Oakland, Md., sent My Maryland, a superb white of great size and substance that won universal admiration. Alexander J. Guttman, of Weber & Guttman, New York, brought Victory, a very fine red. The vase of fifty blooms was strikingly handsome. John E. Haines, Bethlehem, Pa., brought a bunch of his new red seedling, John E. Haines, a large full flower, borne erect on strong stems, which seemed to please the critics, also a number of promising seedlings, among them Star of Bethlehem, a very free blooming yellow. Davis Bros., of Bloomsburg, Pa., sent their new scarlet, Crisis, which looked well; Mary Albert, a pleasing white, and an unnamed pink.

Joseph Black's Son & Co., of Hightstown, N. J., sent four flowers and buds of a white seedling of which they have only two plants as yet. This seedling has blue blood and is worth watching. John Kuhn brought four pretty seedlings. A pink No. 13 was very attractive. There was also another light pink of promise, No. 16, a deeper pink and a red.

Last but by no means least, the Strafford Flower Farm brought seven standard varieties of fine quality, Enchantress, Prosperity, Judge Hinsdale Mrs. Lawson, Harry Fenn, Flamingo and Mrs. Patten. They were arranged by a floral artist, George Faulkner, and were greatly admired.

John Westcott called the meeting to order, G. C. Watson acting as secretary. After the minutes of two previous meetings were read, Robert Kift's committee report on the exhibits adopted and several new members elected, Edward A. Stroud read a very clever paper on "New Ideas in Carnations." The paper was clear and forceful and full of thought. Mr. Stroud, who received a hearty vote of thanks, had mastered an attack of grippe in order to be present. The remarks that followed were very interesting. Horace T. Dumont closed the meeting by singing two songs, which were heartily applauded. William Swayne, of Kennett Square, Pa., was present.

The Amateur Rose Growers.

Ask any well informed city florist who had the most American Beauty roses at Christmas. The answer will be Myers & Samtman. Go out to their place at Wyndmoor and you will be convinced. Philadelphia has a great reputation for Beauties, but it is doubtful if any of her famous places ever cut as many long-stemmed flowers for the holidays as did this firm during the last days of 1904. Their plants have proved doers, sun or no sun, and the way they stand by their customers, support the Flower Market and fill any stray orders during the busy season is quite wonderful. Good as are the figures of the cut, they are not so impressive as the appearance of the plants, bearing evidence of heavy cutting, yet with quantities of long, straight shoots everywhere, mostly topped with bud or bloom.

The stock is all bench grown, an interesting point in these days of solid beds. The foreman, Marty, would like to try solid beds, but he says the firm won't hear of it while the plants bloom so. Sunrise has done exceptionally well in the narrow propagating house. The first batch of Beauty cuttings is nicely rooted, ready for potting. Much of the firm's success is due to the advanced ideas of Frank P. Myers, who had the courage to specialize at a time when general collections of varieties were the rule, and the work of George Samtman, who has become a past-master in the art of distributing his product.

The Germantown Society.

The February meeting of the Germantown Horticultural Society was held last Monday evening in Association hall. S. Mendelson Meehan had arranged an elaborate program entitled "Our Horticultural Indebtedness to Japan." John T. Morris, president of the Chestnut Hill Horticultural Society, opened the subject with a very polished lecture, describing his trip to Japan and the places he had seen there. The lecture was illustrated by a set of stereopticon views collected by Mr. Morris while in Japan. They were charmingly colored and very interesting, showing tea and rice growing, various trees, water views, etc. The slides were handled by Dr. Norman H. Keyser.

George D. Clark, of Henry A. Dreer, followed with a practical paper on Japanese bulbs. Mr. Clark dwelt chiefly on lilies, describing varieties, their merits and their culture, a most valuable paper. The evening was closed with a paper from the pen of Joseph Meehan on "Trees and Shrubs of Japan" read by George Redles. This paper was clear, bright and full of interest. Two other papers were held over for want of time.

Various Notes.

Robert Crawford, Jr., now owns the greenhouses at Secane and H. T. Dumont is out of the Philadelphia Carnation Co.

The Philadelphia Cut Flower Co. has sent out a neat little St. Valentine's blotter.

John Savage, of Mt. Airy, has rented Thomas Foulds' place at Gwynedd for five years. He took possession last Tuesday. The cut of the place, which is planted with Brides and Maids, will go to the Flower Market.

H. H. Battles is getting some very

choice valley from his place at Thornhedge.

M. Rice & Co. are already hard at work with Easter stock. They have had a novel experience—novel to most people at any rate—having two bills paid twice.

The junior partner of the commission house of William J. Baker calls attention to some extra fine valley they are receiving.

Answers to Correspondents.

REVIEW readers are invited to send any questions relating to culture or marketing of plants and flowers in Philadelphia to Phil in care of any of the leading seed or commission houses or the Flower Market. Each question will be submitted to a competent person and answered under number. Correct name and address must always accompany inquiry, but will not be published.

29.—Do you know of anyone growing first grade carnations in very heavy soil, such as that found very near your city? Yes. Edward A. Stroud, of the Strafford Flower Farm. The examples are, however, few, the bulk of carnations sent to this market being grown on light soil far from town, due more to economical reasons than on account of the soil.

30.—Would you suggest growing roses entirely in such soil? Yes, with proper additions to supply deficiencies. There have been instances of the soil being made lighter for certain varieties, but they are rare.

31.—Is Vesper giving any trouble as to keeping qualities? Yes, at times.

32.—Would you consider it a profitable market sort? Vesper is a free bloomer, has long stiff stems and is not apt to burst. It is a fine carnation, but unlikely to prove profitable.

33.—Is Golden Gate a profitable rose for the Philadelphia market? Golden Gate is hardly a variety for every day in this market. It has proved very profitable in limited quantities when well done. PHIL.

BOSTON.

The Market.

The market has been rather erratic the past week, very poor on some days and quite active and good on February 10 and 11. Weather conditions have militated against the producers as well as retailers. It has been too cold for the fakirs to do anything on the streets. They handle a lot of stuff during mild weather, which, while not of the best quality, would be largely lost if they did not purchase it.

Roses continue in rather short supply and maintain previous quotations. Carnations have brought about $3 per hundred for good stock, fancies and novelties making $4 to $6. Violets continue to arrive in large quantities. The top price has been 75 cents for the finest Princess of Wales. Good grades of both doubles and singles have made 50 cents, poorer samples going as low as 30 cents. Yellow trumpet narcissi are now arriving in big quantities. As a rule they have cleared out remarkably well, not a flower remaining unsold on one or two days. Prices average $2. Some extra fine Golden Spur made $3. Liliums are not plentiful, a few longiflorum beginning to supplement the Harrisii. Lily of the valley has been selling rather slowly. Sweet peas are now coming of very fine quality, Mont Blanc being most in evidence.

The Exhibition.

The regular mid-winter show of the Massachusetts Horticultural Society was this year joined in by the wholesale flower markets, each of which offered a number of prizes. The result was a very fine show, especially of carnations, and we hope to see this annual exhibition made one of the features of the local horticultural world. There is certainly no reason why, if the horticultural society and markets co-operate, it cannot be made a credit to Boston and one of the finest to be seen in the country.

Carnations had seventeen classes allotted to them and were, of course, the star feature of the show. Competition was quite good in nearly all classes. For the society's prizes, which called for twenty-five blooms of each color, Peter Fisher won for white with fine Lady Bountiful, M. A. Patten being second with The Belle, and H. A. Stevens Co. third with Wolcott. Patten showed a splendid vase of Lady Bountiful in which, however, one or two flowers were getting sleepy. For scarlet Backer & Co. were in the lead, C. E. Dickerman being second, each showing Flamingo. Enchantress won everything in the light pink class, Patten & Co., S. J. Goddard and Stevens Co. winning in order named. For dark pink Wm. Nicholson won with fine Lawson, L. E. Small being second for the same variety and Patten third for Nelson Fisher. Mrs. Patten was invincible in the variegated class, Messrs. Nicholson, Patten and Fisher being the winners. For crimson, Nicholson, Patten and Backer & Co. won, all showing Harry Fenn. In a good class of yellow Patten won with fine Dorothy Whitney, Backer & Co. being second and third with Dorothy Whitney and Eldorado.

In the Park street market classes for fifty blooms Peter Fisher won in the white class with splendid Lady Bountiful, Patten being second with the same variety. S. J. Reuter showed a fine vase of Vesper in this class. Peter Fisher won for scarlets with fine Flamingo. He was also in the lead for light pink with Enchantress, S. J. Reuter and E. N. Peirce & Co. being second and third. For dark pink Patten & Co. won with the best Nelson Fisher in the show, Reuter second with Lawson. Peter Fisher's new seedling, No. 113, was the winner in the crimson class. These were far ahead of any others shown in their color, stems stiff and flowers large and well formed, perhaps a trifle too dark to suit some, very similar in shade to Harlowarden, with which Reuter secured second prize. Mrs. Patten took everything in the variegated class, Patten & Co. leading, followed by Peter Fisher and the Stevens Co. Patten & Co. also won for yellow with Dorothy Whitney. Wm. Nicholson won for 100 mixed blooms with a fine vase.

The Music Hall market classes were well competed for. For fifty Fair Maid H. A. Stevens Co. won with finely colored flowers. A. Roper, who was second, had much larger flowers but somewhat lacking in color. For fifty blooms any white variety C. E. Dickerman won with White Lawson, L. E. Small being second with his seedling, No. 3. For twenty-five blooms of any new seedling Patten & Co. won with Mikado, L. E. Small being second with his seedling. For 100 double violets H. F. Woods won with fine Campbell, L. E. Small being second with the same variety. For 100 Princess of Wales H. F. Woods was again in the lead with splendid flowers, William Sim being second. For twenty-five mignonette Wm. Nicholson and A. H. Fewkes were winners. William Sim was first for 100 sweet peas with very fine Mont Blanc, Malcolm Orr being second for fine flowers of the same sort. For twenty-five blooms of any other rose than American Beauty, Waban Rose Conservatories were first for a fine vase of Wellesley. A special prize for 100 carnations in not over three varieties arranged for effect was won by Patten & Co.

The society's prizes for 100 double violets went to Malcolm Orr, L. E. Small and A. F. Coolidge, all showing Campbell. For 100 single Wm. Sim won with Princess of Wales. J. H. White, James Wheeler, gardener, who was second, showed larger flowers but a little paler in color. M. B. Dallachie was third. There was a strong entry for six plants of Primula obconica. G. F. Fabyan, James Stuart, gardener, was first and second and Mrs. J. L. Gardner, Wm. Thatcher, gardener, third. For six Primula stellata E. A. Clark, W. A. Riggs, gardener, was first and Mrs. J. L. Gardner second. E. J. Mitton, J. Lawson, gardener, had the best six Primula Sinensis, followed by G. F. Fabyan and Mrs. J. L. Gardner. For six Gloire de Lorraine begonias M. S. Stevens, Walter Angus, gardener, won with excellent plants, E. A. Clark being second.

In the way of miscellaneous exhibits Robert Cameron, from Harvard Botanic Garden, put up a fine table of Primula obconica and a nicely flowered batch of Lachenalia Nelsoni. Mrs. A. W. Blake, H. Wild, gardener, had a good plant of Cypripedium Dauthieri. Francis Skinner had a display of Primula Sinensis. A. M. Davenport had a nice lot of cyclamens. J. E. Rothwell, Emil Johannson, gardener, received a certificate of merit for Lælia x Mrs. M. Gratrix (L. cinnabarina x L. Digbyana), one of the prettiest cinnabarina crosses, flowers of a deep orange yellow color. The same exhibitor received honorable mention for Laelio-cattleya Adolphus (L. cinnabarina x Cattleya Acklandiæ).

E. N. Peirce & Co. showed a fine vase of their bright red seedling carnation, Lawson x Crane, which received honorable mention and promises to be a useful sort. Helen Goddard, from S. J. Goddard, recently referred to in the REVIEW, received a certificate of merit. Red Lawson grown by E. N. Peirce & Co. from Palmer's stock also won a certificate of merit, as did Winsor, shown by F. R. Pierson Co. and grown by Peter Murray. This latter is of a beautiful silvery pink color, just the color ladies like and is bound to become popular. We understand it will not be introduced until 1907.

Victory, from Guttman & Weber, scored the highest award of any new carnation in the exhibition, securing a silver medal. Nothing but favorable comments were heard in regard to it. Patten & Co. secured honorable mention for Mikado (Roosevelt x Prosperity). F. F. White and L. E. Small each showed their seedling whites, which had their quota of admirers.

Afterglow and Aristocrat from Richard Witterstaetter were delayed in transit from Cincinnati and some few blooms were frozen. They arrived ere the show

closed and were the center of attraction. They seemed to stand up better than anything in the hall. Each secured a first-class certificate. While each variety had its admirers, Aristocrat seemed to be the favorite and should score higher when shown again. Patten & Co. showed Judge Hinsdale and Pink Patten in good shape. J. H. White had (not for competition) excellent vases of Enchantress and Mrs. Patten. John McFarland showed excellent lily of the valley. Dr. C. G. Weld, W. C. Rust gardener, received a cultural certificate for a beautiful plant of Dendrobium Ainsworthi, carrying 300 flowers.

Various Notes.

Malcolm Orr, of Lynn, is forwarding superb Campbell violets and sweet peas to the new market.

The next meeting of the Gardener's and Florists' Club will occur on February 21. W. W. Rawson will lecture on "The Increase in Greenhouse Productiveness During the Past Twenty-five Years." There will be some interesting exhibits and no florist or gardener can well afford to absent himself from this meeting.

Prof. F. A. Waugh, of Amherst, lectured before the Horticultural Society on February 11, his subject being "Dwarf Fruit Trees; their Uses, Propagation and Management." At the meeting on February 18, Dr. Geo. T. Moore, of Wadington, will give a stereopticon lecture on "Bacteria as Fertilizers."

H. A. Cook, of Shrewsbury, who ships the bulk of his flowers to Welch Bros., has a magnificent lot of the dark blue Imperial violet which for length of stem and size of flower probably cannot be equalled in this section.

William Nicholson will grow Witterstaetter's new Aristocrat carnation next season in order to give eastern growers opportunities to see this variety growing. It will also enable him to show it in fine condition for the meeting of the Carnation Society in Boston in 1906.

Pans of bulbous stock are selling very well at the stores at present, daffodils being especial favorites. Azaleas and lilacs are also good sellers.

While many growers are condemning Flamingo and propose discarding it, some intend to grow it again, having found it profitable. John Barr and S. J. Goddard are among the latter. The first named grower has had great success with Manley, of which he is bringing in remarkably fine flowers.

Visitors the past week included A. J. Guttman, New York, F. R. Pierson and James T. Scott, Tarrytown, N. Y.

W. N. Craig.

CLEVELAND.

The Market.

We are still in the grasp of king winter, which has made transient trade very light. The regular volume of business has had quite an impetus since the first of February. Several social functions have made a large demand for select stock, which is decidedly scarce and has brought the best prices since Christmas. Good tea roses bring from 6 to 12 cents, Meteor from 4 to 10 cents, Beauties from $1.50 to $6 per dozen. Bulbous stock is becoming more plentiful and that with long stems brings 4 cents. Romans, Paper Whites, valley and sweet peas are in limited supply and good stock finds ready sale. Carnations are still in good supply and range from 2 to 5 cents. At this writing we have the coldest day and night of the winter. It was zero all day with a drop to 14 degrees below at 2 a. m. February 14 a strong west wind prevailed, making it almost impossible to keep the houses warm.

Club Exhibition.

At the regular meeting of the club a carnation exhibition was held to benefit those who could not attend the last convention at Chicago. An unusually large number attended and we can confidently say the exhibition was a magnificent success. Some of the local growers did well, considering they grow only for commercial purposes, and not for show. The following is a summary of exhibits and awards:

Enchantress, first, Bate Bros.; second, C. Hagenburger; third, Essex Greenhouses. Lawson, first, Essex Greenhouses; second, Essex Greenhouses. Red, G. M. Naumann, first, with Flamingo, Merkel & Son, second, with Flamingo; Bate Bros., third, with Crane. White, first, C. Hagenburger, with Lady Bountiful; second, Merkel & Son, White Lawson; third, C. Hagenburger, with White Lawson. A mixed vase of Patten, Nelson Fisher and D. Whitney by Merkel & Son received honorable mention. Bate Bros. displayed mixed varieties. G. M. Naumann displayed a vase of seedlings which was worthy of mention. C. Hagenburger displayed a vase of fine Princess of Wales violets. Robert Kegg showed some very fine Adonis, Lawson, Wolcott and Dorothy Whitney. H. A. Hart showed Enchantress, including a sport of same about Joost color, also Lawson and Joost, excellent for this variety.

M. Bloy, of the Essex Greenhouses, made a very good display of roses, carnations and sweet peas. He was awarded a certificate of merit for an elegant vase of Bridesmaid roses, also for white and pink sweet peas which had stems twelve to fourteen inches long. Meteor showed up well and proved this variety still a good one. The stems were fine, from eighteen inches to three feet. White Cloud carnations made a good showing with three-foot stems.

The J. M. Gasser Co. showed a mixed vase of roses, Gen. MacArthur, La Detroit, Chatenay, Bride and Maid. MacArthur was considered exceptionally well done and was highly thought of by those present. The J. D. Thompson Carnation Co., of Joliet, showed a magnificent vase of Robert Craig. It is a grand flower, with a perfect stem, and received a certificate of merit. The J. M. Gasser Co. received a certificate of merit for a vase of mixed roses. W. J. Palmer & Son, Buffalo, made an elegant show with a large vase of Red Lawson. It won equal honors with Robert Craig, receiving a certificate of merit. The B. K. & B. Floral Co., of Richmond, Ind., displayed a vase of Richmond Gem, also some rooted cuttings. Although the flower is small it is of good color.

A special committee on awards was appointed by President A. L. Brown, consisting of J. S. Wilson, of Chicago, Adam Graham, of Cleveland, and Edward George, of Painesville. They did their arduous duties well and were tendered a unanimous vote of thanks by those present. All were well pleased with their decisions and there was no cause for complaint.

Various Notes.

We see by the press reports that a magnificent building is to be erected at the present location of Smith & Fetters. Building operations will begin April 1. It is to be occupied by a large department store.

The city budget for the coming fiscal year contains a large sum for park improvements. This is to be highly commended, as Cleveland has a beautiful chain of parks. More flowers are to be planted and a large quantity of trees and shrubs are to be set out the coming spring.

Dutch bulb agents are becoming quite numerous. It is a sure sign of the coming spring.

Mr. Anderson, who for many years was with the J. M. Gasser Co. at Rocky River and the recent foreman of said firm, has resolved to engage in business for himself, growing mums and carnations. Mr. Anderson has the best wishes of all the craft for unbounded success in his undertaking.

Carl Hagenburger, of West Mentor, has his place looking fine. Stock is in good shape, particularly the carnations. Lady Bountiful is in the lead, a robust grower and a fine flower. Lawson, Enchantress and Boston Market give evidence of having produced a heavy crop. Thousands of cuttings well rooted, show success in this line. Boston ferns are in great abundance. A large batch of lilies just coming into flower is particularly free from disease. Another lot in bottomless pots plunged in soil looks good and healthy. As a whole the place looks better than ever before.

A short jaunt brings us to C. Merkel & Son's. Here we found everything looking well. Carnations were a trifle off crop, but thrifty and in vigorous health. What struck the writer most was Flamingo in all its glory, perfectly healthy and an abundance of bud and bloom. White Lawson is also a good thing. Mrs. Patten is extra fine, producing high grade blooms. Boston Market is considered the bread and butter variety. A clean and healthy lot of Harrisii are just coming into flower, with a later batch for Easter. Lilacs are forced to perfection here and bring good returns. Ramblers and H. P. roses had just been brought into the cool house. Mr. Merkel has one brand of good things that does not grow on rose bushes, which was thoroughly appreciated by the visitors.

W. L. Smith, formerly of Jamestown, is now with the J. M. Gasser Co. in the capacity of foreman.

Visitors:—D. R. White, Sandusky; J. S. Wilson, Chicago; Wm. Meine, Richmond, Ind.

Forest City.

The Review is "it" among the trade papers. It has the most up-to-date and timely articles of general interest. I could not get along without it.—F. J. McSweeney.

Please discontinue my smilax advertisement; plants all sold. Cost of advertising, 2 cents for each $1.50 of sales. Who said the classified advs. in the Review don't pay? It could only be the one who never tried them.—Harvey B. Snow.

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The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

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AMERICAN BEAUTY,	Per doz.
30-36-inch stem	$4.00 to $5.00
24-inch stem	3.00
20-inch stem	2.50
15-inch stem	2.00
12-inch stem	1.50
Short stem	.75 to 1.00
	Per 100
Brides	$6.00 to $12.00
Bridesmaids	6.00 to 12.00
Meteor	6.00 to 12.00
Golden Gate	6.00 to 12.00
Chatenay	6.00 to 12.00
Carnations	2.00 to 3.00
" large and fancy	4.00 to 5.00
Violets	.60 to 1.00
Valley	2.00 to 4.00
Callas	per doz., $1.50
Paper Whites, Romans	3.00
Tulips	3.00 to 4.00
Jonquils, Daffodils	4.00
Sweet Peas	1.50
Mignonettes	.50 to .75
Asparagus, per string, 35c to 50c	
Asparagus Sprengeri	3.00 to 5.00
Ferns	per 1000, $2.00 .25
Galax	per 1000, $1.25 .15
Leucothoe	.75
Adiantum	1.00 to 1.25
Smilax	per doz., $1.50 to $2.00 .10.00
Wild Smilax, 25 lb. cases	3.00
" " 35 lb. cases	4.00
" " 50 lb. cases	5.00

Subject to change without notice.

Mention The Review when you write.

CHICAGO.

The Market.

In spite of very bad weather St. Valentine's day had an appreciable effect on the market, the impetus being first noted on Sunday, when an unusually large number of shipping orders went out. Monday was the coldest day of the year, the temperature in the morning being 18 degrees below zero, and one would expect little doing, but there was a considerable shipping demand and many of the local retailers bought quite heavily in anticipation of the valentine demand. It has been a season, however, when the store with a telephone trade did about all the business there was going. Transient trade has been dead. The weather has been too cold for people to be on the streets. Monday was 38 degrees colder than the ten years' average for February 13, and Tuesday was not much better. The growers have been busy stoking the boilers and it has taken much extra wrapping to preserve stock in transit from freezing. In fact, many shipments were frozen, some from near-by growers, but particularly violets from the Hudson river district. On Monday many thousands were a total loss.

The state of the market has not changed to any great degree since last report. There is still a call for Brides and Maids beyond the possibilities of the supply, and this also includes red roses, if to a less degree. Long Beauties are now under the demand, for the call has increased and receipts are less. The dark weather has also had its effect on the color. White carnations have been in very heavy demand and it has been impossible to fill all orders. Red has also been wanted, but there has been enough pink to leave something in the wholesalers' ice boxes nearly every night. At the same time prices are reasonably well maintained. Quality was never better. St. Valentine's day made some demand for violets. Tulips are now in good shape, but do not bring any better prices than when quality was lower. Some freesia is seen, but is slow sale. Callas are plentiful, but Harrisii are making good prices, although some days everyone has them to spare. Green goods are equal to the demand.

For State Experiment Work.

Peter Reinberg, for the Florists' Club's committee on the matter of securing an appropriation for floricultural work at the State Experiment Station, has placed the club's resolutions and a draft of an appropriation bill in the hands of Representative M. L. McKinley for presentation to the state legislature. The bill calls for the appropriation of $10,000 for greenhouses and equipment and for $10,000 a year for carrying on the work. Every florist should write the representative from his district urging that the bill be supported.

Winandy's Seedlings.

M. Winandy took to raising carnation seedlings a couple of years ago and has two benches of them. What he thinks is the best is a very large, bright red, which he has just registered as Lizzie McKey. There is a pink seedling from Guardian Angel which looks good; it is prolific, has good size, stem, etc. There is a white of robust growth which has not yet shown what it can do, and a good looking yellow. An oddity is a flower like Prosperity with a beautiful golden tint at the base of the petal and diffused outward. With this some mighty fine dinner-table center-pieces could be made.

Various Notes.

Mardi Gras at New Orleans should make some good business at that point March 6 and 7. Then comes Lent, but it doesn't cut as much figure now as it used to.

The body of George V. Thielmann was brought home from Sierra Madre, Cal., and buried from the home, 323 Division street, on Tuesday, a number of the trade attending.

C. W. McKellar has added orange blossoms to his list of specialties, but he doesn't carry them in stock. He had a nice lot in for an order on Tuesday.

The Florists' Club had an attendance of fifteen at the meeting February 9. E. Kurowski, N. J. Rupp, Paul Halbrook and F. Lautenschlager were elected to membership. A not wholly successful effort was made to straighten out certain neglected premium matters and a new program committee was appointed, with E. C. Amling chairman.

The committee on entertainment of the Carnation Society reports receipts of $1,101 and the disbursement of the entire amount. As a matter of fact, there was a shortage of $30, which was made up by subscriptions obtained after the deficiency was known.

Mrs. Ed. Benthey, whose wedding day is only three weeks passed, has been taken ill and is in the hospital. She was Miss Jennie Daniels. Mr. Benthey is the son of F. F. Benthey.

The West Park board contemplates the erection of new greenhouses at Garfield and Humboldt parks.

H. Van Zonneveld, of Sassenheim, Holland, is in town again, and says he finds bulb sales easier than for some years.

Sinner Bros. are getting in a big cut of callas and tulips.

Bassett & Washburn say that they are growing more plants of Bride than of Liberty, but that for the past month they have cut more Liberty than Bride.

Kennicott Bros. Co. is getting in its usual season's crop of La Reine tulips, of extra quality just now.

E. F. Winterson is one of those who are well satisfied with the season's business.

Mrs. Leonard Kill is reported as improving nicely. The necessity for a surgical operation had been feared.

George Wienhoeber is on a voyage to the Mediterranean, expected to wholly restore his health.

August Rhotert, of New York, has been here selling valley and palms.

B. Eschner, of M. Rice & Co., Philadelphia, is in town.

I FIND the REVIEW a great help and would not do without it.—O. B. STEVENS, Shenandoah, Ia.

FANCY WHITE LILAC, $1.25 per doz.

FANCY LILY OF THE VALLEY, $3.00 and $4.00 per 100.
TULIPS, long stems, $3.00 per 100.
DAFFODILS and JONQUILS, $4 per 100.
HUDSON RIVER VIOLETS, 75c to $1 per 100.

CARNATIONS, a fine assortment of extra well grown stock and many fancy varieties.
ROSES, extra fine, especially in Brides and Maids.
A full line of Cut Flowers. If you do not receive our price list we should like to send it to you.

A. L. RANDALL CO.
WHOLESALE FLORISTS
21 Randolph St., CHICAGO, ILL.

Mention The Review when you write.

ST. LOUIS.

The Market.

A few important fluctuations were noted in the cut flower market the past week, which were unlooked for. The early part of the week stock became very scarce in all first-class grades. Later in the week stock of all kinds was again overplentiful and prices were again reduced.

The retail trade runs in about the same channel, some days plenty of work, the next day dull. The bulk of the work is for funerals. No doubt these conditions will prevail as long as this disagreeable weather lasts. Some extra work was booked for St. Valentine's day, which was quite a busy day last year. It brings a good call for violets, which are very plentiful, $2 to $2.50 per thousand being about the best price for singles. Fine doubles are down to 50 cents per hundred. Carnations have been very plentiful and only the extra fancy and white sold. A big lot of colored stock was left over each day, only to be dumped. Prosperity, Lawson and Enchantress are of fine quality. Some extra White Cloud, Triumph, Joost and Estelle are also to be had at prices in reach of everybody.

White roses are not any too many for the demand. Of Maids, Meteors, Liberties and short Beauties there are more than enough. Long Beauties are also plentiful. The wholesalers are still overstocked with many kinds of bulbous stock of good quality. Of Dutch hyacinths, Harrisii and callas there are enough to go around. White and pink sweet peas sell fairly well. White lilac at Kuehn's is extra fine. Everything in the line of greens is plentiful.

Florists' Club Meeting.

The Florists' Club held one of the largest meetings in its history February 9, nearly seventy-five being in attendance, including James Hartshorne and J. D. Thompson, Joliet, Ill.; A. C. Canfield, Springfield, Ill.; S. S. Skidelsky, Philadelphia, and Geo. M. Kellogg, Pleasant Hill, Mo.

There was a grand display of carnations: The Chicago Carnation Co., Joliet, was the largest exhibitor, showing Harlowarden, Lady Bountiful, White Lawson, Prosperity, Cardinal, Enchantress and Mrs. T. W. Lawson. E. G. Hill Co., Richmond, Ind., sent Mrs. Patten, Lady Bountiful and Cardinal. Thos. Salverson & Son, Petersburg, Ill., staged Mrs. Lawson, Norway and Prosperity. The Thompson Carnation Co., Joliet, showed a grand vase of Robert Craig. H. Weber & Son, of Oakland, Md., sent an extra fine vase of My Maryland. John E. Haines, Bethlehem, Pa., sent John E. Haines and Guttman & Weber, New York, sent Victory. W. J. Palmer & Son, Lancaster, N. Y., sent a vase of fifty Red Lawson, which did not arrive until the next day.

Among the local growers who exhibited were John Steidel, who had Adonis, Enchantress, Gov. Wolcott and a fine mixed vase. J. F. Ammann had White Cloud, Enchantress and a vase of mixed. A. Jablonsky showed Enchantress, Crane, Lady Bountiful and a vase of mixed. N. Himmer showed a vase of sports of Enchantress and Joost.

The meeting opened at 2:30 p. m. with all the officers present. After the regular order of business, the building committee asked to be relieved and recommended that F. C. Weber, C. A. Kuehn and Otto Koenig take their place. The new constitution and by-laws were read for the first time. Two more readings will be required before they can be acted on. This will be at the April meeting. The trustees reported that it was not advisable for the club to hold a chrysanthemum show this fall. A press committee was appointed as follows: J. J. Beneke, Geo. Windler and R. Windt. Four members were dropped for nonpayment of dues. F. J. Fillmore reported at length on the carnation convention at Chicago.

Short addresses were made by James Hartshorne, J. D. Thompson, A. C. Canfield and S. S. Skidelsky. The latter complimented the St. Louis growers on their showing.

Messrs. Thompson, Hartshorne and Canfield acted as judges for the home-grown exhibits and Messrs. Ammann, Steidel and Jablonsky judged the outside exhibits. Their report was as follows: Fifty blooms pink, Chicago Carnation Co., first and second with Lawson and Enchantress; Salverson & Son, third, on Lawson. Fifty blooms white, Chicago Carnation Co., first and second with Lady Bountiful and White Lawson; E. G. Hill Co., third, with Lady Bountiful. Fifty red, Chicago Carnation Co., first, with Cardinal; Thompson Carnation Co., second, with Robert Craig; E. G. Hill Co., third, with Cardinal. Fifty any other color, Chicago Carnation Co., first and second, with Prosperity and Harlowarden; E. G. Hill Co., third, with Mrs. Patten. H. Weber & Sons, Oakland, Md., scored eighty-eight points on My Maryland and received a certificate of merit. John E. Haines and Victory were too far gone to be judged but are apparently good reds.

For the local growers the results were as follows: Fifty white, John Steidel first, with Gov. Wolcott; A. Jablonsky second, with Lady Bountiful; J. F. Ammann third, with White Cloud. Fifty pink, J. Steidel first, J. F. Ammann second and A. Jablonsky third, all with Enchantress. Fifty red, J. Steidel first, with Adonis; A. Jablonsky second, with Crane and Flamingo. Fifty blooms mixed, J. Steidel first, A. Jablonsky second and J. F. Ammann third. Favorable mention was given Mr. Steidel for a pink sport of Enchantress and a vase of seedlings.

The next meeting of the club will be a rose meeting. This will be March 9 at 2 o'clock. Prizes amounting to $50 will be offered and all rose growers are invited to exhibit. The committee of arrangements is Otto Koenig, F. H. Meinhardt and J. J. Beneke, who will meet this week to arrange for the list of prizes, which will be sent to all rose growers.

There is some talk among the members of the St. Louis Florists' Club of having a big celebration on the club's eighteenth anniversary, June 28. A big banquet is talked of at the Hotel Jefferson.

The New Growers' Club.

A meeting was called for February 9 for plant and cut flower growers of St. Louis and vicinity to perfect an association to be called the St. Louis Flower and Plant Growers' Association. Dr. A. S. Halstead was elected president, E. H. Michel secretary, and Gus Eggeling treasurer. The membership to this association is extended to growers within 500 miles of St. Louis. Their charter calls for seventy-five members. This association is in no way connected with the St. Louis Florists' Club. J. J. B.

THE advertisement of the Iowa Seed Co. last week quoted Louise Erdody begonias at $3 per 100. This was clearly an error, as this is well grown 3-inch stock, many having two plants to the pot. It should have been $6 per 100 and so appears this week.

WHITE LAWSON

Which we introduced last season has given great satisfaction, and has proved to be

THE FINEST WHITE CARNATION EVER SENT OUT

Remember that we are headquarters for it. The demand will undoubtedly exceed the supply this season, and in order to secure early delivery, no time should be lost in placing order. We are now booking orders for early January delivery. Orders will be filled strictly in rotation, as received, so the earlier orders are booked, the earlier deliveries can be made. We can supply

First-class strong rooted cuttings, $7.00 per 100; $60.00 per 1000.

Also all the other novelties of the season, **FIANCEE, CARDINAL, FRED BURKI, etc.**

Also the cream of the older sorts, **Mrs. M. A. Patten, Daheim, Enchantress, Flamingo, Mrs. Thos. W. Lawson, etc.**

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

BUFFALO.

There has been rather too much steady winter of late to expect a very lively business, yet we cannot complain. We don't look for large decorations, for they are few at this season, and many of us look upon the white flower trade as only incidental. It is the steady demand for flowers for the table, or remembrances to friends on many excuses. In fact, it is the ever increasing use of flowers by those of moderate means, as well as the very wealthy, that makes the business healthy and substantial. Flowers of all kinds are fairly plentiful, except roses; those of first quality are quite scarce.

The Florists' Club is to hold a meeting on the afternoon of February 22, to nominate officers for the next year, and there will be an exhibition of the newer carnations from our friends if they respond to the invitation we have sent them. Now this is an opportunity that the local men should appreciate. They did not go to Chicago to see the wonderful varieties, so we are going to let them "have a look" for the small sum of one dime (two car fares). We want you all in, prepared to pay up your dues for the year and nominate good, strong young blood for the next year's administration.

Am glad to say that Capt. James Braik will soon be out again after three months' martyrdom with inflammatory rheumatism. He has suffered much, but will be in good shape again when our parks need his valuable aid.

William Belsey has no more room for greenhouses on his lot, so to find a safe investment for his surplus earnings he has built a fine apartment house on the east side. It is not always the largest business that shows the greatest profit.

The Red Lawson.

Through a boisterous blizzard and eleven miles of snow banks, a trolley car landed us at the large establishment of W. J. Palmer & Son, at Lancaster. These country villages are lovely when the cherry trees are in blossom and the frog band is working in the marsh, but they have a chilly, lonesome influence in February. However, once you enter the first carnation house and almost immediately are greeted by the perennial smile of Barney Myers, winter is dispelled and you can walk through the 200,000 feet of glass without once stepping outdoors. We went there principally, of course, to see the Red Lawson carnation and two houses, each 20x100, are a grand sight, yet Barney, as everybody calls the more than able manager, told us they were off crop compared to December. Christmas week he picked 8,500 perfect flowers out of those two houses. As this carnation is Lawson in every particular except color, very little can be said, but one thing is very striking. While we all know that Lawson is showing a tendency to split more than formerly, this red sport showed not one bloom in fifty that was not perfect. In our opinion it is a carnation that should be grown by all. All of us can grow Lawson and all can grow this. Many of you have seen the blooms. It is a bright, cheerful red and shows up finely under artificial light. As a bread and butter red carnation we don't think it has any competitor, however fine in form, color or stem the latest aspirants for favor may be.

Most all the standard and later introductions are grown there. Lady Bountiful and White Lawson are favorites in their color. Mrs. Patten was flowering freely, but Barney said he had it in rather too warm a house. We have never seen Enchantress do better. It is a sight. In December they picked 4,000 a week, now about 3,000. Never was there a more perfect lot of flowers. Old varieties have to go. White Cloud, Glacier, Joost and Mrs. Nelson are seeing their last days, and yet Nelson is a beautiful shade and until Fiancee becomes generally grown we are short of a good pink. Altogether you can see 30,000 carnation plants as well grown in every respect as you will ever expect to.

Carnations are by no means all that's to be seen here. Everything that two first-class city stores demand is handled. Roses of the leading varieties are grown in quantity. A big house of Bridesmaid was a little extra, and what pleased me immensely was a house of Morgan and Canadian Queen, both simply loaded with magnificent blooms, and at least three flowers to one of any Bridesmaid that was ever grown. I wish we had had along with us some gentlemen who say Canadian Queen can't be grown outside of the Dale Estate. Morgan had good long stems, and the best blooms are retailing at $3 per dozen. It would pay at $1. Great preparations are made here for Easter, blocks of azaleas kept cool, thousands of lilies, hybrid roses in pots and all other Easter stock. Very large quantities of tulips and other bulbous stock are handled. This is a good establishment to visit to study greenhouse architecture, for there is almost every modern style and also many styles of bench, for these are the days of evolution in the bench.

I failed to mention what is only due, that there are two more houses of Red Lawson mostly for propagation, but you all know how freely Lawson propagates and there is no excuse for a poor cutting.

W. S.

OCEANIC, N. J.

The ninth annual ball of the Monmouth County Horticultural Society was held February 10. It was one of the most successful the society ever had. Over a hundred couples were in the grand march. The hall was beautifully decorated. The stage was very tastefully decorated with cut flowers and decorative plants, by Wm. Turner. Corsage bouquets of white roses and lilies of the valley were furnished by the society, for the ladies, and carnation boutonnieres for the gentlemen. An elaborate dinner was served at twelve o'clock. The entertainment committee deserves great credit, as the success of the ball depended mostly on them.

There was a short business meeting before the ball and William Ritchie and Frank Jenkins were elected active members.

BELLEVILLE, ONT.—Ernest Maag, recently foreman of the greenhouse department of the Phoenix Nursery Co., Bloomington, Ill., will start in business here as a grower of hardy perennials for the trade.

We Produce First Grade Stock in Such Great Quantities that

WE CAN FILL SHIPPING ORDERS

FOR SELECT STOCK AT ANY TIME.

AMERICAN BEAUTY—			Bridesmaid	per 100,	$6.00 to 12.00
Extra long stem	per doz.,	$5.00 to $6.00	Bride	"	6.00 to 12.00
30-inch stem	"	4.00	Golden Gate	"	6.00 to 12.00
24-inch stem	"	3.00	Chatenay	"	6.00 to 12.00
20-inch stem	"	2.50	Liberty	"	6.00 to 12.00
15-inch stem	"	2.00	Meteor	"	6.00 to 10.00
12-inch stem	"	1.50	Carnations, good	"	2.00 to 3.00
8-inch stem	"	1.00	" fancy	"	4.00

All other stock at lowest market rates—No charge for packing. Prices subject to change without notice.

WIETOR BROS. 51 Wabash Avenue CHICAGO.

Mention The Review when you write.

TULIPS ROTTING.

We would like to ask you about some Le Reine tulip bulbs. We planted them the same as the rest. The La Reine all decayed in the center and some of the bulbs were rotted altogether. We had yellow and red ones with them and they were all right. The bulbs were sound when planted. We put horse manure on them about four to six inches thick and they were planted in time. The florists around this city say it is in the bulbs.

B. O. S.

We take it for granted that you have been forcing these yellow and red and La Reine tulips and thus found out the condition of the La Reine. If the other tulips received the same treatment and are forcing all right, it is difficult to account for the decay among the La Reine. In all the years we have been forcing tulips we have never seen bulbs decay. We have more than once seen La Reine come blind, but that was merely poorly ripened or weak bulbs which never should have been sold us.

If you put six inches of horse manure on the flats or pans you did very unwisely. That quantity, if fresh, would heat and may account for the decay. We can account for it in no other way. Bulbs put into flats or pans for forcing should be first covered with two or three inches of light soil, then five or six inches of stable litter to keep out severe frost is all right, but fresh manure put right on the bulbs is all wrong. You may have had the manure thicker and warmer over the La Reine than the others. W. S.

AMELIA, O.—Charles Pommert reports the demand for goldfish as exceeding his already large facilities. He is building seven additional ponds, covering six acres, for next season.

HAGERSTOWN, MD.—Henry Bester will build two large rose houses the coming summer. His carnations are now in the pink of perfection. The demand is greater than the supply. He has a variegated seedling of Lawson and also a white seedling of Enchantress, inadvertly reported as sports in the issue of February 2. Wm. Bester will make extensive improvements and additions to his already large area of glass. His stock of roses and carnations are in good condition. The demand for good stuff is increasing at better prices than in former years.

THE REVIEW is just the paper.—C. H. HAYDEN, Dexter, Me.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

SITUATION WANTED—By middle-aged man; single, good propagator and grower of roses, carnations, mums, violets and other florist's stock; maker-up and capable of taking charge of commercial place; good references as to character and ability. State wages. Address Florist, Box 120, Baldwinsville, Mass.

FOR SALE—First-class florist's shop, nearly new, large city, easy terms. Address No. 141, care Florists' Review, Chicago.

SITUATION WANTED—By a single man, 30 years old, as assistant gardener on a private estate; I have experience in cut flowers, pot plants, vegetables, etc.; at present time have charge of rose section; have had about 10 years, experience in Europe, have been working 5 years in France, 3 years in a small private place, and 4 years in this country; I am a willing worker; good habits. Address Peter Wecker, care John Muno, Florist, Rogers Park, Chicago, Ill.

FOR SALE—5000 sq. ft. of glass, 5 greenhouses in a natural gas city of 15000, large grounds, 7 room house, barn, etc.; [illegible] is a bargain. Address A. L. Harmon, Iola, [illegible].

SITUATION WANTED—By Scotchman, 36, single, as gardener in private place; 20 years' experience with grapes, pine, vegetables and grounds; highest references as to character and ability. Address No. 142, care Florists' Review, Chicago.

WANTED—An A1 rose grower. Address with full particulars, G. Van Bochove & Bro., Kalamazoo, Mich.

WANTED—Grower's assistant; young man with some experience in cut flowers and general stock. Address M. M. Strong, Sioux Falls, South Dakota.

WANTED—A young man as florist's assistant; one used to horses and field cultivation; good home and chance to advance; wages $25.00 per month and board. Address with references I. Merwin Rayner, 81 Front St., Greenport, N. Y.

WANTED—Good man for store; of good character and competent; a steady engagement; wages $15.00 in winter, $12.00 in summer. Address or call at once on Theo. Lang, 670 Sixth Avenue, New York.

FOR SALE—Greenhouse of 7,500 feet; a thriving city of 10,000; well stocked with carnations, roses and other plants; for particulars, address R. C. Eisele, 2440 Center St., Baker City, Oregon.

WANTED—Foreman; 10,000 square feet of glass and 10 acres of ground; grow carnations, chrysanthemums, bulb stock, etc. for cut flowers; also a general line of bedding plants, palms, ferns, etc.; want a man to take entire charge; one who is thoroughly experienced and can run the place profitably; references required; married man preferred, as have four-room cottage on the place; permanent position; answer fully, stating wages wanted. The Stiles Co., Oklahoma City, Okla.

FOR RENT—For $50.00 per month, 5 greenhouses, 9000 square feet of glass; 9½ acres of good ground; house and barn, long lease; $1000.00 cash for stock, etc.; near Chicago. Address No. 134, care Florists' Review, Chicago.

FOR SALE—Seven acres of land at Park Ridge, Ill.; fine soil and well adapted for greenhouse purposes. Terms easy. Address A. L. Randall, 19 Randolph St., Chicago.

FOR SALE—At a bargain, an up-to-date greenhouse 8500 square feet of glass, 2½ acres land; 50 miles from Chicago; will sell all or any part of the land. J. Sanstrom, Momence, Ill.

SITUATION WANTED—By young man with several years' experience in city retail store; capable decorator and maker-up; married. For full particulars address No. 119, care Florists' Review, Chicago.

WANTED—A single man who is well up in roses, carnations, mums and a general line of bedding plants; also capable of managing help if required; state experience, references and wages wanted with board and room. Address No. 125, care Florists' Review, Chicago.

WANTED—A young man with some capital and good references; may find work at fair wages, in a greenhouse in central Ohio; doing a good business and when satisfied, a good chance for a partnership or to purchase. Cheap gas; good outlook. Address No. 124, care Florists' Review, Chicago.

FOR SALE—Ballard's greenhouse, $750, Perry, Iowa.

WANTED—Competent grower of roses, carnations and bedding plants; single; give references in first letter and state wages with room. Address No. 139, care Florists' Review, Chicago.

WANTED—A good all-round florist to accept a permanent position in the south; for particulars inquire of Vaughan & Sperry, 60 Wabash Ave., Chicago.

SITUATION WANTED—As grower of Beauties, teas, carnations; good references. Address No. 138, care Florists' Review, Chicago.

FOR SALE—I have four acres of very fine land on which are two large greenhouses, 23x200 each; a rhubarb plot for forcing; home water system; modern 9-room house, etc.; fine for florist or truck farm. Land yielded potatoes at the rate of 500 bushels per acre. One mile from the center of the city; 10,000 population. Address W. F. Preston, Dixon, Ill.

SITUATION WANTED

As foreman of good-sized commercial place where growing roses for cut flowers is made a specialty. Refer to Alex. Montgomery, Waban Rose Conservatories, Natick, Mass. Address No. 130, care Florists' Review, Chicago.

FOR SALE.

Cheap. Top delivery wagon; good for city or country.

CHARLES MILLANG,

50 W. 29th St., - NEW YORK.

WANTED For a considerable establishlishment in Germany—nurseries and greenhouses; specialty cut flowers.

FIRST-CLASS MANAGER, GERMAN, 30 to 40 years, Evangelist, best recommendations; must understand management in general and special growing of roses and carnations; wages, $75 per month, share in profit, free lodgement and fuel; a permanent position to the right party; apply at once. Copies of testimonials and reference in first letter. Address No. 140, care Florists' Review, Chicago.

Mention The Review when you write.



And All Other Cut Flowers in Season

WE HAVE A REPUTATION FOR FILLING ORDERS WHEN ALL OTHERS FAIL.

Current Price List.

Subject to change without notice.

BEAUTIES—	Per doz.
30–36-inch stem	$6 00 to $8 00
24-inch stem	4 00 to 6 00
20-inch stem	3 00 to 4 00
15-inch stem	2 00 to 2 50
12-inch stem	1 50
Short stem	75 to 1 00

	Per 100
BRIDES	$6 00 to $12 00
BRIDESMAIDS	6 00 to 12 00
GOLDEN GATES	6 00 to 12 00
METEORS	6 00 to 12 00

	Per 100
LIBERTIES	$6 00 to $15 00
CARNATIONS, ordinary	1 50 to 2 00
" fancy	3 00 to 4 00
VIOLETS	50 to 1 00
CALLAS, doz., $1 50-$2 00	
JONQUILS	3 00 to 4 00
DAFFODILS	3 00 to 4 00
ROMANS	4 00
VALLEY	2 00 to 4 00
FREESIA	3 00 to 4 00
MIGNONETTE	4 00 to 6 00

	Per 100
HARRISII	$2 50 doz.
TULIPS, ASSORTED	$3 00 to $5 00
ASPARAGUS, strings	50 00
" Sprengeri	2 00 to 5 00
FERNS	per 1000, $2 00 25
GALAX, gr.,	1000, 1 25 15
" br.,	" 1 50 20
ADIANTUM	1 00
SMILAX, doz., $1 50–1 75	
LEUCOTHOE	75

WILD SMILAX!

We are strictly HEADQUARTERS for the BEST WILD SMILAX. No better goods to be had, and a large supply constantly on hand. Can fill the largest orders without notice. Telegraph or Telephone; "we do the rest."

25 lb. case	$3 00
35 lb. case	4 00
50 lb. case	5 00

"Green Goods" of all kinds, Leucothoe, Galax, Ferns.

KENNICOTT BROS. CO.

Wholesale Commission Florists

40-42-44 Randolph Street, CHICAGO

L. D. Phone Central 466.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

The season is backward,
The cold is intense;
The new man is wondering
When trade will commence.
The wax bean is high.
While the check stub is low.
And the boss tells the buyer
'Tis safe to go slow.

NEWELL MIX opens a seed store at Carthage, Mo., each spring for the season.

MEMPHIS, TENN.—Joe L. Ullathorne is kept from business with a fractured ankle, the result of a recent accident.

THE canners' convention held at Columbus, Ohio, the past week has caused no marked advance in the prices of seeds used by canners.

W. ATLEE BURPEE & Co. say that their wholesale business is increasing at even a more rapid rate than the retail, and without travelers.

CHICAGO.—S. F. Leonard, who has been ill for the past two weeks, is somewhat better and is expected back at his desk in a day or two.

THE present cold snap has tested the Chicago onion set warehouses pretty thoroughly. Reports are that the frost has not as yet worked in.

VISITED CHICAGO.—B. Zuzuki, of Zuzuki & Iida, New York and Yokohoma; F. H. Henry and Robert Fulton, of Henry & Lee, New York.

THE frosty weather now prevailing at the south will give the northern market gardener a chance to get something worth while for his early crops.

SEEDSMEN at Shenandoah, Ia., report business for the first half of February as heavy compared with previous years, and the outlook better than ever before at this season.

THE announcement is at hand of a weekly journal to be published at Kansas City exclusively for the seed trade. The printed matter bears no names of individuals.

THE earnestness with which the salesmen approach the subject of orders would indicate that the war scare is over and that there are reasonable prospects for enough lily bulbs from Japan next season.

THE customs appraisers manifest a disposition to advance invoice values on many items. Cases to come up for hearing at Chicago February 15 were continued until the next sitting of the board.

IN Henry Field's corn tests at Shenandoah, Ia., one of the striking points brought out was the difference in behavior of seed corn from the east and from the west in the matter of standing up and resisting wind storms. The western corn accustomed for generations to prairie winds, stood up well even in a considerable storm, while the eastern corn of the same or similar varieties went down easily.

THE Chicago Tribune says that to deprive the statesmen in Washington of the privilege of sending garden seeds to their constituents would be to take away the only opportunity some of them ever have of being useful.

THE quinquennial exhibition of the Royal Dutch Bulb Growers' Society at Haarlem, Holland, March 17 to 21, will afford a fine opportunity to those especially interested with recent progress in this branch of the trade.

IT is advisable at this season of the year to remind buyers of onion sets that freezing while in transit does not hurt them. When onion sets arrive in a frozen condition all that is needed is to open up the packages, let the sets thaw gradually, and handle them as little as possible until they dry out.

THE general catalogue of Sears, Roebuck & Co., Chicago, weighs forty-six ounces and L. E. Asher, the advertising manager, says that "when space costs us $1,000 per page for a season it behooves us strongly to use that page every inch and line and hair's breadth to the illustrating and describing plainly and clearly the merchandise we have to sell and crowd on the page as much as we can and do it justice." With space in the general book at that price naturally they have many special catalogues, and seeds will be one of them.

CHICAGO ONION SET INDUSTRY.

A man from Missouri coming into Chicago a few days ago observed from the car window at several different points along the railroad, buildings that were stenciled "Onion set warehouse." The size of the buildings aroused his curiosity and he asked his seat mate for information on the subject of onion sets. He was given a figure that was estimated as being the quantity of bushels raised in the vicinity of Chicago and was invited to inspect one of the warehouses, where a good bunch of the goods could be shown him. He could not accept the invitation because his ticket was limited. He seemed satisfied, however, that there must be something in the warehouses and admitted that the chances favored its being onion sets. He intimated that if a short statement of the history of the industry in so far as it applied to Chicago could be given him he would be pleased to make a note of it for future investigation. The person with whom he was conversing seemed to be in a position to give the desired information and proceeded to do it as follows:

"The beginning of the Chicago onion set industry dates back to 1886, when a seedsman who had just completed his second season in that line of trade planted a four-acre patch for onion sets on Diversey street, near Milwaukee avenue. The product of the four acres was in the neighborhood of 1,600 bushels.

"For some years previous to this a large pickle man at Bowmanville had been growing what were termed 'pickle

Quality First

NEW ASTER KATE LOCK

Has Been Grown 48 in. High.

Finest aster in existence. Blooms 5 to 6 inches in diameter, full centers, stems 36 to 41 inches. Shown at all largest exhibitions in Canada and taken everything before it. Has never been beat. Colors:—White Daybreak and mixed. $2.00 per 1000 seeds. No agents.

Originator, J. H. LOCK, 41 Manchester Ave. TORONTO, ONT.

Mention The Review when you write.

Two Grand New Asters

Benthey's White

Benthey's Pink

The Seed of the Two Varieties is ready for distribution now.

PRICE LIST

TRADE PACKAGE	$1 00
¼ OUNCE, White or Pink	2 50
½ OUNCE, " "	4 50
1 OUNCE, " "	8 00

For further information write

The Benthey-Coatsworth Co.

35 Randolph St., Chicago.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Carlson Improved

ASTER SEED

Pure Strain. Recognized as the leading Aster for Cut Stock. No disease. N"o yellows."

EARLY WHITE	Trade pkt.,	25c;	¼ ounce.,	50c;	ounce.,	$1.50
LATE WHITE	"	25c	"	50c	"	1.50
SHELL PINK	"	25c	"	50c	"	1 50
LAVENDER	"	25c	"	50c	"	1.50

Order early to insure getting all colors.

E. H. Hunt, 76-78 Wabash Ave., Chicago

Mention The Review when you write.

onions,' and some of the market gardeners were doing the same thing on a smaller scale. These were all white onions, however, and were grown for the pickling vats of factories in the neighborhood; they were not onion sets, nor were they grown as such.

"In 1885 Chicago needed but a limited quantity of onion sets for home consumption and, aside from a few barrels of yellows shipped in from eastern points and stored in a seed house on La Salle street, and a hundred or so bushels of whites spread out on a floor over Johnson's 'Silver Brand' sauerkraut emporium on South Water street, all the visible supply of onion sets as far as Chicago was concerned could be put into a quart measure.

"The venture of the seedsman who harvested the 1,600 bushels in 1886, and to whom the credit of starting the onion set business at Chicago belongs, panned out first rate—so well in fact, that the next year he increased his plantings and encouraged the gardeners to grow small patches, taking their product from them after harvest at an agreed price. The soil and climate proved favorable and the price realized for the product at that time made the business a paying one. In 1888 mutual interests drew the Bowmanville pickle man and the Chicago seedsman together and an arrangement was made between them, the one to grow the sets because he had the land, and the other to sell the sets because he had a store which was known to be Chicago headquarters for supplying the onion set. 'In union there is strength,' and for the next few years there was a continued increase in the production of onion sets at Chicago, 50,000 bushels being the estimated crop of 1892.

"Up to 1894 the seedsman to whom the credit of starting the thing has been given, was practically the sole distributor and owner of the onion set product of Chicago. It chanced that 1893 was a banner year. The prices realized for onion sets in the fall of that year and into the spring of 1894 were such as to make the growers feel that with plenty of land all that was needed to bring them wealth was plenty of onion seed to throw into it, and in the fall dig out the sets. The consequence was that a new era was established, a scattering took place, new outlets had to be searched for and the new operators who took hold, finding themselves in it, had to push the thing along out of sheer necessity. The pickle man and the seedsman, who up to this time had been the main factors in the production of onion sets at Chicago, disagreed on a question of policy. The former wanted to double the quantity that they had heretofore produced to push the newcomers out of it, but the latter, being more conversant with the obstacles in the way of forcing a market, objected to this. The outcome was that the pickle man decided to go in as a distributor as well as a grower, and the seedsman, being originally both grower and distributor, resumed the growing for himself on a scale proportionate to the increased needs of his business. The Chicago onion set production for the next two years was more than double what it was in 1893 and 1894.

"Since 1896 and up to the present, the ranks of those growing and distributing onion sets at Chicago has been much increased by men who have pulled out as graduates, or from other connection of some sort with the original growers, until the product of Chicago in a good year cannot be far from 350,000 bushels."

The informant of the man from Missouri then ended up by saying: "That is a short history of the set industry as it applies to Chicago, and you are welcome to it." Being pressed for the name of the seedsman to whom the credit of starting the business was due, he said: "It is S. F. Leonard, now president of the Leonard Seed Co." "And of the pickleman?" "It is L. A. Budlong, president of the L. A. Budlong Co." "And who may you be?" insisted the man from Missouri. "Me? Oh, that don't matter; but I helped weigh in and take care of quite a bunch of onion sets at Philadelphia in the fall of 1884."

WE esteem the REVIEW very highly for its Seed Trade News.—BINGHAMTON SEED CO., Binghamton, N. Y.

Antirrhinum (Snapdragon)

	Trade pkt.	½oz.	oz
Tall growing sort, finest brilliant colors mixed	$.10	$.30	$1.00
Antirrhinum, dwarf sorts mixed	.10	.30	1.00

ASTERS. The finest imported seed. Try it.

QUEEN OF MARKET, separate, white, carmine, crimson, deep scarlet, rose, purple, light or dark blue, reddish lilac or mixed	.15	.20	.60
GIANT COMET, pure white, white changing to rose, light yellow, rose, crimson lavender, light or dark blue, separate or mixed	.20	.30	1.00
Branching Aster, Late, white, rose edged white, shell pink, crimson, dark rose, light or dark blue, separate or mixed	.15	.20	.60
Daybreak, finest shell pink	.25	.60	2.00
Purity, finest white	.25	.60	2.00
Extra Early Hohenzollern, white or rose	.25	.50	1.50
Bellis Perennis Daisy, double rose	.20	.60	2.00
" " " double white	.25	.75	2.50
Lobelia Crystal Palace Compacta	.15	.50	
" Emperor William, dark blue	.15	.50	
Mignonette, Allen's Defiance	.15	.25	
" Giant Market	.10	.20	
PETUNIA, ruffled and fringed giants, single	.25		
" THE BEST double large flowering extra, 100 seeds, 25c; 500 seeds, 85c; 1000 seeds, $1.50.			

	Trade pkt.	Oz.
Pyrethrum aureum, Golden Feather	$.10	$ .30
Salvia Bonfire	¼ oz. 60c	.25 2.25
" Clara Bedman, finest dwarf	¼ oz, 60c	.25 2.25
Smilax	per lb., $2 50; ¼ lb., 70c	.10 .25
Stocks, choicest German, ten weeks, all colors	¼ oz., 50c	.25 2.25
Sweet Peas, send for our Florists' List.		
Verbena Mammoth, pure white, scarlet, purple, separate colors or mixed	.15	1.00

NOVELTIES IN SEEDS.

Giant Daisies, Alaska, Westralia, California.....pkt., 10c; trade pkt., 25c
Lobelia WHITE LADY, pure white.....pkt., 10c; trade pkt., 25c
Forget-Me-Not SILVER QUEEN, will commence flowering 8 to 10 weeks after sowing. Plants have a stout bushy habit, attain a height of 7 to 8 inches and a diameter of 7 to 8 inches when full grown, plant is globular in shape, literally covered with large pure white flowers, double center petals. Placed in the house in the fall it will continue flowering through the winter and be most valuable for cutting. Very best sort for forcing. 25 seeds, 10c; 100 seeds, 30c; 1000 seeds, $2 00.
SALVIA SPLENDENS TRIUMPH, immense spikes of dazzling scarlet, pkt., 15c; trade pkt., 50c
Nicotiana Sanderæ the carmine red ever blooming Tobacco plant.....pkt., 25c
Asparagus Plumosus Nanus, greenhouse fresh seed.....100 seeds, 60c; 1000 seeds, $4.50
" Sprengeri.....100 seeds, 15c; 1000 seeds, 75c.

FOR EASTER FORCING—MONEY MAKERS.

Wistaria Sinensis, pot grown, plants 2 ft. high, will bear 20 to 30 long racemes of flowers, each $1..
" " pure white or purple.....per doz, $12.00
DOUBLE FLOWERING Fancy Twisted Japan Cherries.....each, 75c; doz., $8.00
Japan Tree Peonies, in all leading colors, your choice, 2 to 4 flowers.....each, 50c; doz., $5.00
" New Sweet Scented Herbaceous Peonies, 4 to 6 eyes force well.....each, 80c; doz., $3.00
" Multigrafted Maples, many grafts, of diverse colored foliage, on 1 stem, ea., 50c; doz., $5.00
Japan New Hydrangeas, blue, rose, white.....each, 40c; doz., $4.50
New Hydrangea Rosea, large head of rosy flowers, reddish stems.....each, $1.00; doz., $10.00

BULBS FOR FORCING.

Amaryllis Belladonna, rose, large bulbs.....$1.00 per doz.; $7.00 per 100
" Formosissima, scarlet, large bulbs.....60 per doz.; 4.00 per 100
" Mare Hybrids of Vittata.....each, 50c 5 00 per doz.
Begonias, tuberous rooted in separate colors, white, rose, scarlet, crimson, yellow, orange, apricot or mixed, large bulbs, single giant flowering.....40c per doz; $2.50 per 100
Begonia Double Giant Flowering, in separate colors, white, scarlet crimson, rose, yellow orange or mixed.....60c per doz.; $4.50 per 100
If ordered mixed we put up equal proportions of above.
Caladium Esculentum (Elephant's Ear) with sound center shoots: 6 to 8 inches, 30c per doz.: $2.00 per 100. 8 to 10 inches, 50c per doz: $3 50 per 100. 10 to 12 inches, 75c per doz.; $5.50 per 100.
Fancy Leaved Caladiums, in choice named sorts.....$1.25 per doz.: $8.00 per 100
The RAREST SORTS of these produce mostly small bulbs.

	12	100	1000
Gladioli, all white and light	$.40	$2.00	$15.00
" choicest mixed 50 per cent white and light	.20	1.50	10.00
" Augusta, pure white	.50	3.50	30.00
" May, white and rose	.25	1.75	15.00

All clean, first size stock.

Gloxinias, white, scarlet, blue, purple, red with white border, violet with white border, tigered	.60	4 00	
Mixed Gloxinias	.50	3.00	
Tuberoses, Double Excelsior Pearl extra fine stock, 4 to 6½-inch	1.00	7.50	

If our new Spring List has not been mailed to you, send for it at once. Address

H. H. BERGER & CO., 47 BARCLAY ST., NEW YORK.

Mention The Review when you write.

LONDON WHOLESALE SEEDSMEN.

Cooper, Taber & Co.

Of the existing London seed houses, the oldest is that of Cooper, Taber & Co. It was founded by John Mason, who, about 1781, established himself in business at the "Sign of the Orange Tree," 152 Fleet street; and in the catalogue issued by the present house in 1900-1 they gave photographs and pages of the catalogue of John Mason for 1793. Eventually John Mason took his son into partnership, and up to 1827 the firm was known as John Mason & Son. In the latter year, Mr. Noble, a nephew of Mason, and a Mr. Goude, took over the business, and the same existed for three years as Mason & Goude. In 1830 the brothers W. & J. Noble became sole proprietors, and continued the business till they died of cholera in 1848. In 1849, the surviving son of W. Noble admitted to partnership Robert Cooper and

John Bolton, both of whom had had long experience in the establishment, and the firm was known as Noble, Cooper & Bolton until 1867, when John Bolton retired and Robert Cooper became sole proprietor and carried on the business under his own name until the expiration of the lease of 152 Fleet street, when he removed to the commodious premises now occupied by Cooper, Taber & Co. After the death of Mr. Cooper, in 1885, George Taber, a well-known Essex seed grower, acquired an interest in the firm. Mr. Taber died in 1895, and was succeeded by his son, James Taber. The business has for several years past been registered as a limited liability company. This house has within the last forty years or so absorbed such old businesses as Beck, Henderson and Child and Waite & Co. (who had previously taken over the business of Minier, Nash and Nash). Within the last four or five years, an old seed firm in the Strand known as Batt, Ruttley & Silverlock, became incoporated with Cooper, Taber & Co., says Richard Dean in the Horticultural Trade Journal.

SEED SPECIALS.

The Vanderbilt lines of railroad passing through the corn belt doubtless will send out soon a "corn special" to disseminate scientific knowledge among farmers along its lines regarding seeds and soils. The remarkable success of the "corn specials" which the Burlington and Northwestern have been sending over their lines is what has led the officials of the Vanderbilt roads to take up the project. The "corn specials" consist of two or three cars expressly adapted for holding meetings during stops of a half hour at important towns on the line. During these stops lectures are given and farmers are instructed as to the best kind of seed, the preparation of the soil, and the proper care of the crop.

The start probably will be made on the "Big Four," and if the plan is well received by farmers along the route "corn specials" will then be sent all over Iowa, Illinois and Indiana, and possibly over the Illinois lines of the Lake Erie and Western. This will be the first time that eastern lines have taken up the education of farmers along scientific principles in crop raising.

CATALOGUES RECEIVED.

Wm. H. Moon Co., Morrisville, Pa., nursery stock; O. B. Stevens, Shenandoah, Ia., plants; Planters Seed Co., Springfield, Mo., seeds; S. M. Isbell & Co., Jackson, Mich., seeds; W. A. Manda, So. Orange, N. J., plants; The Templin Co., Calla, O., seeds and plants; W. W. Barnard & Co., Chicago, wholesale price list of seeds, bulbs and supplies.

SOCIETY OF AMERICAN FLORISTS.

President J. C. Vaughan has appointed the following gentlemen state vice-presidents in addition to the list previously published: District of Columbia, Geo. H. Cooke, Washington; Kentucky, Fred Louis Schulz, Louisville; Pennsylvania, W., Fred Burki, Bellevue.

WM. J. STEWART, Sec'y.

TROY, O.—C. W. Skinner is at Lake City, Fla., where he is putting in considerable of his patent system of irrigation.

Velvet Beans!

WE ARE HEADQUARTERS

STATE NUMBER OF BUSHELS WANTED. WRITE US NOW!

CRENSHAW BROS., Tampa, Fla.

LEONARD SEED CO.

WRITE FOR PRICES WE ARE HEADQUARTERS FOR ONION SETS

Flower Seeds and Bulbs

WHOLESALE SEED GROWERS

Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now.

BEANS, PEAS AND GARDEN SEEDS. Write for Prices.

CHICAGO



DIAMOND JOE SEEDS

We are the Largest Wholesale and Retail Seed Corn growers in the world. Ship in ear or shelled. We also do a general mail order seed trade in all the best varieties of Farm, Garden and Flower Seeds worth planting. In addition we handle the best grade of nursery stock to suit critical buyers. Our large illustrated seed and nursery catalog and farm guide free if you mention this paper. A postal card will bring it, write to-day. Address,

WESTERN SEED COMPANY Shenandoah, Iowa.

Mention The Review when you write.

HAVING BEEN AWARDED THE GRAND PRIZE For My Exhibition of GLADIOLI At the World's Fair

it is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. Groff's Hybrids and other sorts the best obtainable.

Write for Catalogue. ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.

GLEN COVE, L. I.

The Nassau County Horticultural Society meets the first Wednesday in the month at 2:30 p. m. At the meeting February 1 President Thomas Harrison prophesied a bright future for the organization. He said that he, for one, would "like to see the day when it will be necessary for a gardener to exhibit his diploma for proficiency in the different branches of the work from some horticultural college to be recognized as a professional horticulturist. This would not be an injustice to the already well informed practical gardener, but would inconvenience a great many would-be gardeners, whose only qualifications are that they have washed pots in a palm house, picked up the dead leaves in a rose house and admired the different colors of the flowers in the carnation house, then have the audacity to pose as professional gardeners, and aspire to fill some of our most prominent places in the country. These are the men who are 'thorns in the flesh,' so to speak, and are a detriment to our most noble profession."

At the meeting March 1 there will be exhibits of six red and six white carnations, the owner of the best vase to receive a box of cigars.

TOLEDO, O.—Irvin Magee says that 1904 was the best year in the eleven years' history of the Scottwood Greenhouses.

LA GRANGE, ILL.—The La Grange Park Floral Co. will rebuild three greenhouses the coming season. Fred B. Gale, the junior partner in the concern, and Miss Hannah Phelps, of this place, are to be married in June.

SEED GROWERS

Field, Sweet and Pop Corn, Cucumber, Melon and Squash Seed. Write us before placing contracts. We have superior stock Seed and can furnish you good Seed at reasonable prices. Address

A. A. BERRY SEED COMPANY, Clarinda, Ia.

Mention The Review when you write.

Asparagus Plumosus Nanus Seeds

Our own growing, just ripening on selected plants, 100 seeds, 50c; 500 seeds, $2; 1000 seeds, $4.

B. H. Haverland, Pleasant Run, Ohio

Mention The Review when you write.

POUGHKEEPSIE, N. Y.—Mr. and Mrs. P. T. De Voy have a very fine daughter, who arrived January 29.

DIXON, ILL.—The Clipper Lawn Mower Co. is preparing for its best season. Their machine is in use in every state in the Union.

MINNEAPOLIS, MINN.—George S. Murtfeldt and Miss Minnie Patthey, formerly with Mendenhall, have opened a store at 826 Nicollet avenue.

HUNTINGTON, N. Y.—The Huntington Horticultural Society will hold a carnation show February 21. Certificates, diplomas and prize cards will be awarded as premiums. The schedule provides classes for twenty-five each, pink, light pink, white, scarlet, crimson, any other color and any novelty. Classes for twelve blooms roses and 100 single and 100 double violets are also scheduled.

Thorburn's Bulbs

Lily of the Valley PIPS!

Largest and finest stock in splendid condition.....

Per case of 3000 for $24.00
2 or more cases at $7.50 per 1000

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

....SEEDS....

Hollyhocks, in 10 best varieties, all double. **Delphiniums,** in 12 varieties, including doubles and finest orchid-flowering. **Dianthus Barbatus,** auricula-flowering. **Veronica Longifolia, Digitalis,** in great variety. **Lobelia Cardinalis,** the beautiful cardinal flower. **Lobelia Syphylitica,** blue. Write for trade prices. Single trade packet, 10c.

CHAS. LONG, 277 Jefferson Avenue, ROCHESTER, N. Y.

Mention The Review when you write.

HOLLYHOCKS---CHOICE SEEDS

We offer superb, separate single colors, 8 kinds, 90c per oz.: we offer superb, single colors, 8 kinds mixed, 80c per oz.; Double Hollyhocks in 6 separate colors, 90c per oz.; Double Hollyhocks, 6 varieties, mixed, 80c per oz.: Hollyhocks, strong field plants, double colors, $5.00 per 100: Hollyhocks, strong field plants, single colors, $5.00 per 100. CASH WITH ORDER PLEASE.

JOHN CHARLTON & SONS, ROCHESTER, N.Y.

D. RUSCONI

Importer of Bulbs, Plants and Shrubbery.

Azalea Mollis and Rhododendrons—45c each, or 40c in 50 lots.

Roses—Home grown and imported—Amaryllis Johnsoni, Box Trees, Tuberoses, Cannas, Caladiums, Dahlias, Etc. Write for Prices.

32 W. 6TH STREET, CINCINNATI, OHIO

Mention The Review when you write.

30 BULBS TUBEROUS BEGONIAS FOR $1.00 POSTPAID.

See last week's issue for prices by the 100.

HUBERT & CO.,
N. Le PAGE, Rep. MT. VERNON, N. Y.

Mention The Review when you write.

SOW NOW!

Rawson's Mammoth **Verbenas**

Unrivalled for size, beauty and variety of colors.

¼ OUNCE, 30c; OUNCE, $1.00.

W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Sq., BOSTON, MASS.

VREDENBURG & CO.

ROCHESTER N. Y.

Lithographing, Printing, Engraving, Binding Exclusively for FLORISTS, SEEDSMEN and NURSERYMEN

Sample Colored Plates free—Send for Catalogue

UNEQUALLED FACILITIES

Mention The Review when you write.

FLORACROFT Prize Strain GLADIOLI Immense Spikes. Orchid-like Blooms.

HAVE RECEIVED THE HIGHEST AWARD WHEREVER EXHIBITED.

	100	1000
Floracroft Prize Mixture, 1st size	$1.50	$10.00
" " " 2d size	1.00	7.50
Groff's New Hybrids, 1st size	2.00	18.00
Orange and Yellow	2.75	26.00
Pink Shades, mixed, 1st size	1.50	12.00
Brenchleyensis, scarlet	$1.25	$9.00
Striped and Variegated	2.25	20.00
White and Light	1.75	15.00
Lemoine's Hybrids, mixed	1.50	12.00
Am. Hybrids, choice mixed	1.00	9.00

CHINESE HERBACEOUS PEONIES.

	Per doz.	Per 100
Double White	$1.50	$10.00
Double Pink	1.25	8.00
Double Red	$1.25	$8.00
Double Dark Red	1.25	8.00

TUBEROSES EXCELSIOR DWARF DOUBLE PEARL.
4 to 6 inches, 85c per 100; $7.50 per 1000.

Now Ready, CYCAS STEMS, BEGONIAS, GLOXINIAS. Write for prices.

JOHNSON & STOKES, 217-219 Market St., Philadelphia, Pa.

Mention The Review when you write.

AT ST. LOUIS A GRAND PRIZE WAS AWARDED ON VEGETABLES, THE PRODUCTS OF BURPEE'S SEEDS!

IF you garden you want THE BEST,—and we shall be pleased to mail you BURPEE'S FARM ANNUAL FOR 1905, an elegant **new book of 178 pages,** which tells the plain truth, with hundreds of illustrations, beautiful colored plates, and describes **superb Novelties** of unusual merit. If you garden for profit or are a florist, you should also have BURPEE'S "BLUE LIST" or WHOLESALE PRICE LIST FOR MARKET GARDENERS AND FLORISTS.

Write TODAY! A postal card will do, while it is sufficient to address simply BURPEE, PHILADELPHIA

W. ATLEE BURPEE & CO., The World's Largest Mail-Order Seed Trade

Mention The Review when you write.

Read Carefully Our Seasonable Offer

Stakes--FLORIST SPECIALS--Stakes

UNPAINTED DOWEL LILY STAKES (Wood)

			100	1000
36 in. long,	3-16 in.	diameter	$0.60	$4.50
36 "	5-16 "	"	.55	4.50
36 "	⅜ "	"	.70	6.00
36 "	¼ "	"	.60	4.50
36 "	⅜ "	"	.50	4.00
42 in. long,	3-16 in.	diameter	$0.65	$5.50
42 "	¼ "	"	.65	5.50
42 "	5-16 "	"	.65	5.50
42 "	⅜ "	"	.65	5.25
42 "	⅜ "	"	.85	7.50

We can supply these dowels, dyed green, 50c per 1000 additional.

HYACINTHS AND TULIP STAKES
DYED GREEN

	100	1000
12 inch	$0.15	$0.85
18 inch	.20	1.25
CANE STAKES, Southern	.75	6.00

" " **Japanese.** Very thin, 6 ft. long, 75c per 100; 500 for $3.00; $5.50 per 1000; $12.50 for 2500.

RAFFIA, dyed green, for tying, 40c per pound.
" natural color, for tying, 15c per lb.; 10-lb. lots, $1.25.

Send for our new wholesale catalogue.

HENRY F. MICHELL CO., 1018 Market St., PHILADELPHIA.

Mention The Review when you write

RUSSIAN LILY OF THE VALLEY

Per 1000	$ 15 00
Per 2500	32 00
Per 10000	125 00

THE BEST FOR EARLY OR LATE FORCING.

STUMPP & WALTER CO.
Branch, 404 E. 34th St. 50 BARCLAY ST., NEW YORK.

Mention The Review when you write.

BEST GERMAN

Forcing **VALLEY PIPS** and forcing **LILACS, SPIRAEA CLUMPS,** in sorts, selected **LONGIFLORUM BULBS, CRIMSON RAMBLERS, AZALEAS** and other Easter forcing **Plants** and **Bulbs** imported to order. Fall delivery.

Address: AUGUST ROLKER & SONS, 31 BARCLAY ST. P. O. BOX 752. NEW YORK

Mention The Review when you write.

RALPH M. WARD & CO.
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HARDY FERNS.

I wish to plant some hardy ferns this spring in the flower garden. Will you please let me know what are the best kinds for both shady and sunny places?

E. F. C.

While all ferns thrive better where afforded shade, a few sorts do quite satisfactorily in the sun if kept moist at the root. As a general rule ferns are shade and moisture loving subjects. They prefer well drained ground and like plenty of rotted leaves or leaf-mold in the soil. The following sorts succeed well in New England in sunshine: Onoclea sensibilis, Osmunda cinnamomea, O. Claytoniana, O. regalis, Pteris aquilina, Dicksonia pilosiuseula and Aspidium Noveboracensis. All the foregoing succeed well in shade. In addition the following sorts may be planted: Polypodium vulgare, Adiantum pedatum, Asplenum Filix-fœmina, Onoclea Struthiopteris, Pellæ atropurpurea, Aspidium marginale, Cystopteris fragilis and Phegopteris Dryopteris.

Some of the above will thrive under different conditions than they revel in, in a state of nature. To assist holding moisture in the soil where they are planted, mulch well with partially decayed leaves or sphagnum moss. Water well during dry spells. The stronger growing sorts will benefit from a surfacing of rotten manure. As a rule leafmold is preferable for most of the species. They should be planted where strong winds will not strike them and mulched with leaves each fall to prevent frost heaving them out of the ground.

W. N. Craig.

GERANIUMS.

I want geraniums for Decoration day and have just received a shipment of very small geranium cuttings, some of the cuttings being not more than three-fourths of an inch long. Will it be possible to get most of these in bloom by May 30 in 3½-inch pots? What temperature shall I give them? They are now in 60 degrees at night. E. J. H.

You are starting with very small plants to expect good flowering stock at Decoration day. Give them the lightest bench you have, one that has hot water pipes beneath it preferred. We keep our geraniums now about 45 degrees at night because we want them stout and strong. You want rapid growth, yet 60 degrees is too high; 50 degrees at night is enough and let the house go up to 70 degrees in the daytime. When large enough nip out the last made joint and shift into the 3½-inch pots and with light, warmth and fresh air on all opportunities you may get decent plants. This experience will teach you that you must put in your own cuttings in September or October.

W. S.

Windsor, N. J.—Mrs. J. W. Rogers has started in the greenhouse business here.



Cattleyas, per dozen ..... $5 00 to $7.50
Cypripediums, per dozen ..... 1 50 to 2.00
Asst. Orchid Sprays, etc., per box 5.00 to 25.00

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30-inch stems	5.00
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12-inch stems	1.50
Short stems	$6.00 to $10.00 per 100.
	Per 100
LIBERTY	$4.00 to $15.00
CHATENAY	8.00 to 12.00
" seconds	4.00 to 6.00
MAIDS AND BRIDES	8.00 to 10.00
" " seconds.	4.00 to 6.00
PERLE	4.00 to 8.00
UNCLE JOHN	8.00 to 12.00
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Philadelphia, Feb. 15.

	Per doz.
Beauty, Specials	7.50
" Extra	$5.00 to 6.00
" Medium	3.00 to 4.00
" Short	1.50 to 2.00
	Per 100
Bride and Bridesmaid, Fancy	12.00 to 15.00
" " Ordinary	4.00 to 6.00
Liberty, Fancy	25.00 to 35.00
" Select	12.00 to 15.00
" Ordinary	5.00 to 8.00
Golden Gate	4.00 to 12.00
Meteor	4.00 to 10.00
Kaiserin	5.00 to 12.00
Sunrise	4.00 to 10.00
Carnations, Fancy	5.00 to 6.00
" Select	3.00 to 4.00
" Ordinary	1.50 to 2.00
Orchids, Cattleyas	50.00
Adiantum Cuneatum	1.00
" Croweanum	1.50
" Farleyense	10.00
Asparagus Plumosus, Strings	50.00
" Sprays, per bunch	.50
" Sprengeri, per bunch	.50 to .75
Callas	10.00 to 18.00
Daisies, White or Yellow	1.50 to 3.00
Lilium Harrisii	12.50 to 15.00
Mignonette, Fancy	4.00 to 5.00
" Ordinary	2.00
Paper Whites	2.00 to 4.00
Tulips	2.00 to 4.00
Daffodils	3.00 to 4.00
Lilac, White per bunch	1.00 to 2.00
Smilax	12.50 to 15.00
Sweet Peas	.50 to 1.00
" Select and White	2.00
Gardenias	25.00
Valley, Fancy	4.00 to 5.00
" Ordinary	2.00 to 3.00
Violets, Double	.50 to .75
" Single	.35 to .50
" White	1.50
Freesias	3.00 to 4.00
Myosotis	1.00
Pansies per bunch	.05
Romans	3.00 to 4.00
Acacias per bunch	2.00

LOUISVILLE, KY.—The Kentucky Society of Florists has designated Tuesday, March 7, as carnation and rose night and anyone having anything in the way of new or recent varieties is invited to send a few blooms to the secretary, Fred L. Schulz, 644 Fourth avenue.

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New York, Feb. 18.

		Per 100
Beauties,	Specials	$35.00 to $50.00
"	Extra	15.00 to 20.00
"	No. 1	10.00 to 15.00
"	Shorts	3.00 to 4.00
Brides and Maids,	Special	10.00 to 12.00
" "	Extra	6.00 to 8.00
" "	No. 1	4.00 to 6.00
" "	No. 2	2.00 to 3.00
Golden Gate		3.00 to 10.00
Liberty		5.00 to 25.00
Mme. Chatenay		2.00 to 10.00
Meteor		2.00 to 6.00
Orchids, Cattleyas		30.00 to 50.00
Cypripediums		6.00 to 12.00
Carnations,	Common	.50 to 1.00
"	Selects	1.50 to 2.00
"	Fancies	2.00 to 3.00
"	Novelties	3.00 to 5.00
Adiantum Cuneatum		.50 to .75
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri, bunches		15.00 to 25.00
Lilies		8.00 to 10.00
Lily of the Valley		1.00 to 3.00
Smilax		8.00 to 12.00
Violets		.20 to .40
"	Specials	.50 to .75
Narcissi		1.00 to 4.00
Callas		10.00 to 12.00
Daisies		.50 to 1.00
Pansies	doz. bunches	.25 to .35
Tulips		1.00 to 4.00
Mignonette		2.00 to 8.00

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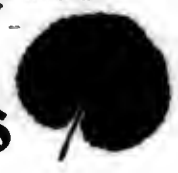
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Galax—Brilliant bronze or green, selected, $1.00 per 1000; $3.75 per 5000.

Leucothoe Sprays—Green or bronze, 90c per 100; $7.50 per 1000.

Sphagnum Moss—Large bale, $1.75; by freight, $2.00. Green Sheet Moss—Per bbl. sack, $2.50.

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We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our Specialties are Dagger and Fancy Ferns, A-1 quality, $1.00 per 1000. Laurel Festooning, good and full, hand made, 5c and 6c per yard. Green and Sphagnum Moss, $1.00 per bbl. Sphagnum Moss, 50c a bag, 5 bags, $2.00. Ivy Leaves, $4.00 per 1000.

Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—all sizes, Folding Flower Boxes, Ribbon—all sizes and colors, all kinds of Letters, Wire Designs, Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

L. D. Tel. 2618 Main. **HENRY M. ROBINSON & CO., 8 and 11 Province St., BOSTON, Mass.**

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Beauties, Specials	$40.00 to	$60.00
" Extra	20.00 to	30.00
" Short Stems	4.00 to	10.00
Brides, Specials	10.00 to	15.00
" Seconds	3.00 to	6.00
Bridesmaids, Specials	12.00 to	15.00
" Seconds	2.00 to	6.00
Liberty	4.00 to	20.00
Chatenay	4.00 to	12.00
Cattleyas	35.00 to	50.00
Cypripediums	6.00 to	8.00
Carnations, Special	3.00 to	4.00
" Select	2.00 to	2.50
" Ordinary	1.00 to	1.50
Violets, single	.30 to	.75
" double	.25 to	.60
Lily of the Valley	2.00 to	3.00
Mignonette	2.00 to	5.00
Asparagus Plumosus, Strings	35.00 to	50.00
" " Sprays, bunch		.50
" Sprengeri, bunch		.50
Smilax	8.00 to	10.00
Adiantum	.75 to	1.00
Callas	8.00 to	10.00
Lilium Harrisii	8.00 to	12.00
Sweet Peas	1.00 to	1.50
Marguerites		1.00
Freesias	2.00 to	3.00
Yellow Daffodils	2.00 to	3.00
Tulips	2.00 to	3.00

HERE is another dollar for renewal; the last number was worth more than the subscription price for the entire year.—VALDESIAN NURSERIES, Bostic, N. C.

GIRARD, O.—Wm. Gerke, who has been with Mrs. George Gaskill at Warren for two years, has bought the establishment of John Geddes and set up for himself.



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FANCY AND DAGGER

$1.25 per 1000. Cash or satisfactory references.

Also Laurel by the 100 lbs. or by the yard. Laurel 100 lbs. $2.50; Laurel by the yard, 4 and 5 cts. per yard. Balsam Brush for making Balsam Pillows, 75 cents per 100, F. O. B.

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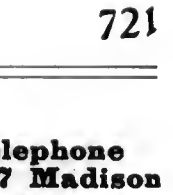
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58-60 Wabash Ave., CHICAGO
Write for Special Prices

Wholesale Cut Flower Prices.

Chicago, Feb 15.

		Per doz.
Beauties, Long stems	$6.00 to	$ 8 00
" 30-inch "	4.00 to	5.00
" 24-inch "		3.00
" 20-inch "		2.50
" 15-inch "		2.00
" 12-inch "		1.50
Shorts	.75 to	1.00
		Per 100
Bridesmaids, Specials	$10.00 to	$15 00
" Firsts	4.00 to	8.00
Brides, Specials	10.00 to	15.00
" Firsts	4.00 to	8.00
Liberty, Specials	12.00 to	15.00
" Firsts	4 00 to	10.00
Golden Gate, Firsts	10.00 to	12.00
" Seconds	4 00 to	8.00
Meteor, Firsts	10 00 to	12 00
" Seconds	4.00 to	8.00
Ivory, Firsts	10.00 to	12.00
" Seconds	4.00 to	8.00
Perles, Firsts	8 00 to	10.00
" Seconds	4.00 to	6.00
Chatenay	4.00 to	12.00
Cattleyas	40.00 to	60.00
Cypripediums	12 50 to	18 00
Carnations, Select	1 50 to	2.00
" Fancy	3.00 to	4.00
Violets	50 to	1.00
Callas	12.50 to	15.00
Harrisii	18.00 to	20.00
Daffodils	3 00 to	4.00
Tulips	3 00 to	5.00
Paper Whites and Romans	2 00 to	3.00
Asparagus, Strings	35 00 to	50.00
" Sprays, per bunch,	.25 to	.35
Sprengeri, "	.25 to	35
Ferns, per 1 000 $2.00		25
Adiantum Cuneatum	75 to	1.00
Smilax, per doz.	1.50 to	2.00

SHARON, PA.—Edgar McConnell has sold his establishment to a young man named Harry Clark, who will continue the business at the old stand. There are five or six acres of land and about 12,000 feet of glass. Mr. McConnell is taking a much needed rest but says he may go into the business again soon.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.

A. L. RANDALL CO.
Wholesale Florist
19 and 21 RANDOLPH ST., CHICAGO.
Write for special quotations on large orders

SINNER BROS.
Wholesale Growers and Shippers of CUT FLOWERS
58-60 WABASH AVE., CHICAGO, ILL.
With the Flower Growers' Co. Telephone-Central 3067.
All telephone and telegraph orders given prompt attention.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.

FLOWER GROWERS' MARKET, 58-60 Wabash Ave. Chicago
The Place to Sell Your Stock.
SEE PERCY JONES, Manager.

PERCY JONES
Wholesale Cut Flowers
Flower Growers' Market,
60 Wabash Ave., CHICAGO.
STANDING ORDERS SOLICITED.

WIETOR BROS.
Wholesale Growers of Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Ave., CHICAGO.
Mention The Review when you write.

A Daily Cut from 40 to 50 Growers
We can and will fill your Cut Flower wants to advantage.
BEAUTIES, MAIDS, BRIDES, etc.
CARNATIONS, VIOLETS,
BULBOUS STOCK, etc.
ALL GRADES.
Shipping orders our specialty. Write, telephone or telegraph.
Long Distance Phone 1129 Main.
Headquarters for HARDY FERNS and WILD SMILAX.
Get our special discounts on
"Perfect Shape" Brand
WIRE WORK.
It will be worth your while.
CATALOGUE FREE
E. F. WINTERSON CO.
Established 1894.
45-47-49 Wabash Ave., CHICAGO.
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J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.
Mention The Review when you write

WEILAND & RISCH
WHOLESALE GROWERS AND SHIPPERS OF
59 WABASH AVE. CUT FLOWERS CHICAGO

D. WOOD BRANT
SUCCESSOR TO
BRANT & NOE FLORAL COMPANY,
58-60 Wabash Ave., CHICAGO.
Very Choice American Beauties.
Wholesale Grower of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.

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Wholesale Growers of and Dealers in Cut Flowers.
All telegragh and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
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It will be to your advantage to come to the Market early each morning and meet the growers. You will get the pick of the stock of all kinds fresh and at reasonable prices. You will be cordially welcome.

The Philadelphia Wholesale Flower Market, 1235-37 Filbert St., Philadelphia.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Pittsburg, Feb. 15.

	Per 100
Beauties, Specials	$60.00 to $80.00
" Extra	40.00 to 50 00
" No. 1	15.00 to 25.00
" Shorts	6.00 to 10.00
Brides and Maids	8.00 to 15.00
Cusin	4.00 to 8 00
Liberty	8.00 to 12 00
Perle	8.00 to 8.00
Carnations	1.00 to 5.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus Plumosus, Strings	25.00 to 50.00
" Sprengeri, Sprays	2.00
Lily of the Valley	3 00 to 4.00
Violets, Single	.30
" Double	.75 to 1.25
Trumpet Narcissi	4.00 to 6.00
Smilax	12.50 to 15.00
Lilies	12.00 to 18.00
Paper Whites and Romans	3 00
Tulips	3.00 to 5.00
Freesias	2 00 to 4.00
Sweet Peas	.75 to 1.00
Lilac per bunch	.75 to 1.00
Daffodils	3.00 to 6.00
Daisies	1.00 to 3.00
Mignonette	1.00 to 4 00
Pansies	1.00 to 2 00

Milwaukee, Feb 15.

	Per 100
Beauties, Specials	$50.00
" Extra	$15.00 to 25.00
" No. 1	12.50
" Shorts	4 00 to 6.00
Bride and Bridesmaid, Specials	8.00
" " Extra	6.00
" " No. 2	4.00
Golden Gate	4.00 to 8 00
Liberty	6.00 to 10.00
Perle	4.00 to 6.00
Carnations, Good	2.00 to 2 50
" Fancies	3.00 to 4 00
Asparagus Plumosus, strings	50.00
" " sprays	2.00 to 3.00
" Sprengeri, "	2.00 to 3 00
Callas	15 00
Longiflorums	15.00
Lily of the Valley	3.00
Smilax	12.50
Sweet Peas	.75
Violets, extra	.75
Tulips	3.00
Romans	3.00
Daffodils	4.00
Freesia	2 00

Cleveland, Feb. 15.

	Per Doz.
Beauties, Specials	$6.00
" Extra	4.00
" No. 1	3.00
" Shorts	$1.00 to 2.50
	Per 100
Bride and Bridesmaid	$4.00 to $10.00
Meteors	4.00 to 10.00
Carnations	1.50 to 5.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" Sprays	1.00 to 3.00
" Sprengeri "	2.00 to 4.00
Violets	.50 to 1.00
Smilax	12.50 to 15.00
Paper Whites	3.00 to 4.00
Valley	3.00 to 4.00
Tulips, white	3.00 to 4.00
Sweet Peas	1.00 to 1.50

SIOUX CITY, IA.—John R. Elder has been compelled to remove his store from Sixth street to temporary quarters at 409 Fifth street because of rebuilding at the former location. He expects to secure another permanent location later.

C. E. CRITCHELL,
Wholesale Commission Florist.
All varieties of Cut Flowers in season at right prices and of the best quality.
CONSIGNMENTS SOLICITED.
Galax, Ferns and Leucothoe Sprays
Are my specialties.
36 East 3rd St. CINCINNATI, O.
Mention The Review when you write.

WM. MURPHY
Wholesale Commission Dealer in Cut Flowers
Consignments Solicited.
128 E. Third St, CINCINNATI, OHIO.
Long Distance Phones { M-980. West 1191-R.

LOUIS H. KYRK
Wholesale Commission Florist,
Phones, Main 3062. Main 2486-L.
110 E. 3rd St., CINCINNATI, O.
Receiver and Shipper of Cut Flowers.
CONSIGNMENTS SOLICITED.
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The J. M. McCullough's Sons Co.
Seedsmen and Wholesale Florists.
Consignments solicited. Special attention given to shipping orders.
316 Walnut Street, CINCINNATI, OHIO.
Mention The Review when you write.

H.G. Berning
WHOLESALE FLORIST,
1402 Pine Street.
ST. LOUIS, MO.
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C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.

Wholesale Cut Flowers
Florists' Supplies
C. C. Pollworth Co.
MILWAUKEE, WIS.
Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Feb. 15.

	Per doz.
Beauties, Specials	$4.00 to $5.00
" Extra	2.00 to 3.00
" No. 1	1.00 to 1.50
" Shorts	.60 to 75
	Per 100
Brides and Maids, Specials	$5.00 to $8.00
" " Extra	3.00 to 4.00
" " No. 1	1.00 to 2.00
Carnot	5.00 to 8.00
Golden Gate	4.00 to 6.00
Kaiserin	5.00 to 6.00
Liberty	4.00 to 6.00
Meteor	4 00 to 6.00
Carnations, Common	1 00 to 1.50
" Select	2.00 to 3.00
" Fancies	4 00 to 5.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 1.50
" Sprengeri "	1.00 to 1.50
Lily of the Valley	2.00 to 3.00
Smilax	12.50 to 15.00
Violets, single	.50 to .75
" double	1 00 to 1.50
Paper Whites	2.00 to 3.00
Romans	1.50 to 2.00
Callas	10.00 to 12.50
Harrisii	10 00 to 12.50
Freesias	2.00 to 3.00
Tulips	3.00 to 4.00
Dutch Hyacinths	4.00 to 5.00
Sweet Peas	.75 to 1.00
Von Sion Narcissi	4.00 to 5.00

RIDGEFIELD, CONN.—Pinchbeck Bros. expect to erect another large carnation house in the spring to keep up with their constantly increasing trade.

MARYSVILLE, O.—The Marysville Floral Co. came near losing all its stock through the boiler giving out during the coldest weather in January. The apparatus was repaired before damage was done and will last until spring, but then a new boiler will be put in and other improvements made. They report the January business as 50 per cent ahead of January, 1903.

PITTSBURG FLORISTS' EXCHANGE
Wholesale Florists and Florists' Supplies.
228 Diamond St., PITTSBURG, PA.
Shipping Given Special Attention.
Mention The Review when you write.

PETER WEILAND,
Wholesale Grower of
Cut Flowers
Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.
128 East 3rd St., CINCINNATI, OHIO.
All stock sold at the PREVAILING MARKET PRICE.

FRANK M. ELLIS
Wholesale Florist
Finest Stock of Everything in the market.
Extra fine California Violets
Novelties and Supplies of all Kinds.
1316 Pine Street
St. Louis
Long Distance Telephone MAIN 2018-M
Mention The Review when you write.

PITTSBURG.

The Market.

The past week has been a most satisfactory one to both wholesalers and retailers. The demand has been good and prices very fair, but, while we have been able to get all the good stock wanted, the quantity of inferior stock coming to the wholesalers is noticeable and most of it finds its way to the dump. Beauties and lilies are still scarce.

Various Notes.

F. Stafford, manager of Geddis & Blind's south side store, has the sympathy of his many friends in the loss of his father the past week, while he is confined to bed with a serious attack of grip, which for several days his friends feared would prove fatal. However, he is now in a fair way to recover.

Dame Rumor says that Lincoln I. Neff has purchased of B. L. Elliott his Cheswick place, consisting of seven acres of ground, dwelling house, barn and about 35,000 feet of glass.

J. J. Zimmermann, of Mt. Washington, has accepted a position with the Ocean Park Floral Co., Ocean Park, Cal.

Club Meeting.

The club met Tuesday evening and, after the election of officers, T. P. Langhans, the new president, in a few well chosen remarks thanked the members for the honor conferred and asked their support and, turning to the retiring officer, Mr. Falconer, attempted to convey to him the feeling of regret with which he was permitted to retire, and then, as a small token of the club's appreciation of what he had done, presented him with a handsome sterling silver tea service suitably inscribed. Brother Falconer for once was taken by surprise and by his manner as much as his word showed his appreciation. E. C. Reineman in a little after-talk remarked that while some of us had seen Mr. Falconer's handiwork at Dosoris, we could follow him to Schenley park, which his skill has made the pride of our city, and then we turned over to him a club in name only, but in four years of interesting meetings and good shows, for many of which he had to draw on his outside friends, he is now able to turn back to us one of the best clubs in the country, 153 members, most of them active workers, and all in good standing.

Carnations were the subject for the evening's discussion. Among the whites shown was My Maryland, by Weber & Son, Oakland, Md. It is certainly a grand flower and was well liked. If it proves as satisfactory a grower and bloomer it will satisfy anyone. While some thought our trade, like the stock market, is troubled with too much Lawson, they were willing to accept F. R. Pierson's White Lawson as one of the good things, well worth taking the place of some we are growing now. John Murchie, of Sharon, would not have been ashamed of his white, Fred Burki, as shown by the Pittsburg Rose & Carnation Co. It stood up well and they say it makes no weak stems. We like it very much. Guttman & Weber's Victory was well received, both for color, size and reported keeping qualities. J. E. Haines, a good red variety and a favorite, was believed to look better than when shown last season. Other out-of-town exhibitors were J. L. Dillon, of Bloomsburg, with Crisis, a splendid commercial scarlet, and Henry A. Dreer, Philadelphia, who sent us samples of hardy pinks. The home-growers showing stock were Mr. Jenkinson, A. R. Peacock's gardener, a vase of very fine stock; A. T. Lorch, Allison park, and the Pittsburg Rose & Carnation Co. The Pittsburg Cut Flower Co. showed some of the regular stock sent in by consignors for the daily sales and, although not show stock, it would compare favorably. Hoo-Hoo.

RICH SHADES OF
RIBBONS
are the only kind for florists' uses. Colors must blend with Nature's own beauties. Such ribbons make flower decorations stronger. The PINE TREE BRAND RIBBONS do this and more—they make lasting friends for the florist using them.
Direct from our Looms to You
TAFFETA ✦ SATIN TAFFETA ✦ GAUZE
Samples are free; want them?
The Pine Tree Silk Mills Company
Philadelphia
OFFICE AND SALESROOMS:
806-808-810 Arch Street, 52 and 54 N. Eighth Street.
Mention The Review when you write.

SPECIAL—SALE—SPECIAL
We must have room and money, therefore offer the following for a limited time at cut prices. Stock is fine. Try a sample order.

		Per doz.	Per 100
2½-in.	Boston Ferns		$3.50
3 "	" "	$1.00	7.00
4 "	" "	1.75	12.00
5 "	" "	2.40	
6 "	" "	4.80	
7 "	" "	7.00	
2 "	Asparagus Plumosus Nanus		3.00
3 "	" "	1.00	7.00
2 "	" Sprengeri		2.00
2½ "	Rex Begonias, Louis Closson		3.50
6 "	Latania Borbonica Palms	each	.60
4 "	Kentia Belmoreana "		.35

5-in.	Rubber Plants	each $0.50
		Per 100
	Rooted Cuttings Double Petunias very fine varieties	$1.50
	Rooted Cuttings, Salvias	1.50
	" " Vinca Variegated	1.50
	Caladium Esculentum bulbs, extra fine, 10 to 12-inch	8.00

Wire Baskets, well made, 8-in. 10-in., 12-in. at $1.00, $1.50 and $2 00 per dozen.
Sheep Manure, per 100 lbs. $1.00.
Sphagnum Moss, per bale $1 00, write for prices on larger quantities.

We will take a few good 2-in. S. A. Nutt and Double Gen. Grant Geraniums and some good varieties of Cannas in part exchange.
We can also supply you with the best the market affords in Rubber Hose, Cut Flower Boxes, etc. Give us a Trial Order.
Terms cash or satisfactory references. 5 per cent discount for cash with order.
D. U. AUGSPURGER & SONS, P. O. BOX 778 PEORIA, ILL.
Mention The Review when you write.

HEADQUARTERS FOR
"SUPERIOR QUALITY"
BRAND
Wild Smilax
Always on Hand and in any Quantity
NONE BETTER.
25 lb. case $3 00
35 lb. case 4 00
50 lb. case 5 00
E. F. WINTERSON CO.,
45-47-49 Wabash Avenue,
CHICAGO.

PIPE COVERINGS.

"Pipe and Boiler Coverings and Their Uses" is a small pamphlet from H. W. Johns-Manville Co., 100 William street, New York, describing various forms of asbestos and magnesia sectional pipe covering, their use and value, for both steam and hot water pipes and to protect pipes from freezing. The prices of covering, elbows, tees and valves are listed. Each page contains an illustration, the letter press is in red and black and the cover a Dixie gray, printed in blue and gold with an embossed design showing a Phoenix rising from the flames, making a very attractive booklet containing much valuable information.

Topeka, Kan.—The greenhouse of Jacob Blair west of town was burned February 6.

LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

ORDERS FOR....

CHICAGO

WILL BE FILLED BY

P. J. HAUSWIRTH,

227 Michigan Ave.

Auditorium Annex. Telephone Harrison 585.

LEIKENS, 7 E. 33d St., New York City.

Near Waldorf-Astoria. Phone No. 1417 Madison.

NURSERIES, RUTHERFORD, N.J.

☞Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

A. GUDE & BRO.

1224 F Street, Northwest,

Washington, -- D. C.

The J. M. Gasser Company,

EUCLID AVENUE, **CLEVELAND, OHIO.**

HAVE YOUR

RETAIL ORDERS

FILLED BY THE

GEO. WITTBOLD CO.

1657-59 Buckingham Place. CHICAGO.

Julius Baer,

116 E. Fourth Street.
Long Distance Phone 2478.

Cincinnati, Ohio

PORTLAND, OREGON

CLARKE BROS., 289 Morrison St.

Orders for **MINNESOTA** or the Northwest will be properly executed by

AUG. S. SWANSON

ST. PAUL, MINN.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.

Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,

2319 AVENUE M. **Galveston, Tex.**

S. B. Stewart,

119 No. 16th Street, **OMAHA, NEB.**

FRED C. WEBER, FLORIST,

4326-28 Olive Street, **St. Louis, Mo.**

Established 1873.

Long Distance Phone Lindell 196 M.

MILLS THE FLORIST

36 W. Forsyth Street,

Jacksonville, Florida

HUGH GRAHAM,

PHILADELPHIA,

104 S. Thirteenth St.

All Orders Given Prompt and Careful Attention.

John Breitmeyer's Sons,

Cor. MIAMI and GRATIOT AVES.

DETROIT, MICH.

Palmer's

BUFFALO, New York.

U. J. VIRGIN,

838 Canal Street, **NEW ORLEANS, LA.**

PRATT & GIGER,

FLORISTS AND DECORATORS

NEW LONDON, CONN.

J. J. BENEKE,

1216 Olive Street **ST. LOUIS, MO.**

OWATONNA, MINN.—Dr. J. W. Ford, having sold his interest in the Pratt-Ford Greenhouse Co., will remove to California.

QUINCY, ILL.—Gottfried Gross says stock is good but trade only fair, because of weather so cold that there is nothing doing except funeral work.

PEORIA, ILL.—James Murray has so far receovered from his prolonged illness as to be able to attend to business again. A recent break-down in his boiler threatened disastrous consequences, but within a week he had received a new one from Kroeschell Bros. Co., and had it set and a fire in it.

Alexander McConnell

546 Fifth Avenue
Cor. 45th St., N. W.

NEW YORK, CITY.

Telegraphic orders forwarded to any part of the United States, Canada and all principal cities of Europe. Orders transferred or entrusted by the trade to our selection for delivery on steamships or elsewhere receive special attention . . . . . .

Telephone Calls: 340 and 341 38th Street.

Cable Address: ALEXCONNELL.

WESTERN UNION CODE.

David Clarke's Sons

2139-2141 Broadway,
Tel. 1552-1553 Columbus,

New York City.

Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

ATLANTIC CITY, N. J.

ALWAYS a fine stock of Cut Flowers, Ferns, Palms and Blooming Plants. Prompt and careful attention to all orders.

EDWARDS FLORAL HALL CO.

L. D. Bell Phone 1441. 104 So. Carolina Ave.

WILLIAM L. ROCK FLOWER CO.

KANSAS CITY, Mo.

C. C. Pollworth Co.

WHOLESALE FLORISTS,
Milwaukee, Wis.
will take proper care of your orders in

WISCONSIN

The Park Floral Co.

J. A. VALENTINE, Pres. **DENVER, Colo.**

Houghton & Clark

434 Boylston Street,

Boston, Mass.

WASHINGTON, D. C.

Orders Executed Artistically.

Blackistone,

Long Distance Phone 2180. COR. 14th and H STS.

PACIFIC COAST.

A CALIFORNIA GARDEN.

The accompanying reproduction from a photograph gives a January view in the garden of a California residence. The tree in front of the corner of the house is Magnolia grandiflora. To the right are seen several rose bushes in bloom. The little girl is standing in front of a clump of Eulalia zebrina. In the upper left hand corner of the picture is seen a part of a huge Acacia nollissima, with a height and spread of thirty-five feet. It was covered with millions of yellow blossoms at the time the photo was taken, but unfortunately they do not show in the picture. To the right of the acacia, near the house, is a fine specimen of Pittosporum nigricans.

EVERGREENS RECOMMENDED.

The California promotion committee has sent out an open letter urging that trees and plants whose leaves remain green throughout the winter be planted in California for ornamental and shade purposes. Such trees are the best evidence of California's climate and attract and impress visitors from the frozen east. Few eastern people realize that the climate in California is not determined by the distance north or south but by the distance east and west. What is known to the weather bureau as the "orange growing thermal belt" extends from San Diego county on the south almost to the base of Mt. Shasta on the north, a distance of about 700 miles. In this belt the mean annual temperature is between 60 and 70 degrees. Trees and plants of semi-tropic nature can and ought to be grown within this belt.

The committee also recommend the planting of non-deciduous trees for ornamental and shade purposes in preference to deciduous trees. There is nothing which so pleases and impresses the visitor from the east as to find everything green in California and the leaves covering the trees in the middle of winter. Trees like elms and maples, while highly ornamental, look particularly dreary and out of place here among so much verdure and often leave a doubt in the visitor's mind as to whether we do not have occasionally heavy snows.

There is a vast area in California where evergreen plants and trees can be grown with success and regions possessing the requirements should make the most of their advantages. What can be more pleasing to our eastern visitors than to come into a California town and find the trees in midwinter bordering the avenues all in green foliage while the lawns of our residences show groups of palms, bananas, giant ferns and other semi-tropical shrubs? Such a prospect is worth thousands of dollars to any city, for the growing of non-deciduous trees and plants such as I have mentioned is the best advertisement for its climate that we can have.

The committee also recommends that in localities where deciduous trees have been planted largely for ornamental purposes, it would be well to replace them as soon as practicable with evergreen trees. The committee also urges all improvement clubs and development organizations and planters generally in such localities as I have mentioned to take this matter up and give it all possible support and publicity.

It is of the greatest importance to the trade generally that an effort be made to supply the demand which will soon be created owing to the change of opinion with a majority of the tree planting public which has occurred in the last year or two. Such growers as are making a specialty of the class of stock I have mentioned are bound to have good sale for well grown evergreens for many years to come. G.

SAN FRANCISCO.

The Market.

Within the last few days we have had a return of our usual California weather and plenty of warm sunshine promises a goodly supply of flowers in the near future. Daffodils, although the popular flower at this season of the year, are in almost unlimited supply and the price has fallen to $1 per hundred. There is absolutely no sale for the double varieties and the growers are not picking them. Narcissi are getting scarcer and Paper Whites now bring the same price as the daffodils. Violets are received in enormous quantities daily and are really the best selling flower handled by the trade at present. They cost the retailers about $5 per hundred bunches. Roses are scarcer than last week and carnations somewhat easier, with a lower tendency in price. In about two weeks, if the present warm weather continues, there will be a great slump in both the prices of roses and carnations. Mums are entirely gone. Valley is very plentiful and Roman hyacinths are scarcer. Green stuff of all kinds is very plentiful except maidenhair fern, and except the wild variety there are little really good ferns in market. Wild flowers have commenced to make their appearance and we will have quantities of them for the next two months. Lilium longiflorum is a good seller and the growers easily dispose of them at $1.50 per dozen stems. Huckleberry and other kinds of native growths are assuming a much brighter color and texture since the advent of warm weather.

Various Notes.

F. Ebel, of Sacramento, was in town this week.

Several daffodil growers are going to plow up their bulbs and plant other stock this season. The low price of the flowers is the cause.

Frank Pelicano reports a heavy funeral trade during the month of January. Mr. Pelicano carries one of the finest assortments of cut flowers in San Francisco. G.

PORTLAND, ORE.

A short period of inactivity followed the advent of the new year but business



A California Garden in January.

A Grand New Rose, Climbing

CAROLINE TESTOUT

Field-grown, strong, 3 to 4 feet high, 80c each; $3.00 per 12; $25.00 per 100. Also Climbing

Cecil Brunner

Field-grown, strong, 3 to 4 feet high, 15c each; $1.50 per 12; $12.00 per 100.

Araucaria Excelsa

From 2¼-inch pots, extra strong plants, with 2 and 3 tiers, 6 to 8 inches high, at $16 per 100

F. LUDEMANN,

3041 Baker St., San Francisco, Cal.

Dahlias Field Roots, Clifford W. Burton yellow, Storm King, pure white, A. D. Livoni, pink — $5.00 per 100

Maid of Kent, red tipped, white, mixed — $4.00 per 100

The Brighton Seed & Floral Co.

215 Occidental Ave., SEATTLE, WASHINGTON.

Mention The Review when you write.

ASP. PLUMOSUS NANUS SEED

In quantities to suit. $2.25 per 1000.
Immediate delivery.

REES & COMPERE

P. O. Address:
LONG BEACH, CAL., R. D. No. 1.

Mention The Review when you write.

CALIFORNIA CARNATION CO.

LOOMIS, CAL.

conditions soon righted and January went out like a whirlwind. At this writing everybody is busy and a feeling of general satisfaction prevails. While decorative work has been rather above the average, funeral work constitutes the largest item. The death rate has been unusually high, a condition characteristic of Oregon when we experience a dry spell in winter time. The Oregonian, or "Webbfoot," thrives best and enjoys better health in wet weather.

The supply of cut flowers is ample for all purposes and never was the standard of quality so good at this season of the year. A few hours of sunshine each day for the past three weeks has put vigor into the plants and the greenhouse men are jubilant. Prices are holding up well, carnations having the advantage. Those famous old reliables, Estelle, Lawson, Scott and Flora Hill sell readily at $1 per dozen, while Enchantress and Prosperity refuse to be classed with the common herd and command $1.50 and $2 per dozen. Home grown violets are in abundance and are especially fine. Princess on 12-inch stems takes precedence over all others. Paper White narcissi, Roman hyacinths and other bulbous stuff is being brought into bloom with the slight protection of sash frames.

The advance guard of the eastern traveling men has come and gone. He came in the person of James Karins, representing H. A. Dreer, and was well pleased with his first trip to the coast.

S. H. Forsham, of Pendleton, delegated a commissioner to the Lewis and Clark fair, is here this week. Work at the fair grounds is being prosecuted vigorously. The weather has been most auspicious for grading, planting, etc., and aside from minor labor troubles nothing has happened to deter the progress in any department. We hope to be able to give a full account of this memorable undertaking between now and the time of its opening, which will be June 1. H. J. M.

Rooted Carnation Cuttings

..NOW READY..

These low prices good only up to December 25.

WHITE:	Per 100	Per 1000
Queen Louise	$1 00	$10.00
Flora Hill	1.00	10.00
Alba	1.40	12.50
Gov. Wolcott	1 00	10.00
Norway	1.00	10.00
Lillian Pond	1.40	12.50
Chicot	1.20	10.00
PINK:		
Mrs. Thos. Lawson	1.40	12.50
Enchantress	3 50	30.00
Mrs. Joost	1.00	10.00
Success	1.00	10.00
Mermaid	1.00	10.00
Cressbrook	1.00	10.00
Pres. McKinley	1.40	12.50
Mrs. Theo. Roosevelt	1.40	12 50
SCARLET:		
G H. Crane	$1.00	$10.00
America	1.00	10.00

SCARLET:	Per 100	Per 1000
P. Palmer	$1 00	$10.00
Estelle	1.40	12.50
J. H. Manley	1.50	15.00
Apollo	1.50	15 00
CRIMSON:		
Harlowarden	1.40	12.50
Gov. Roosevelt	1.20	10.00
YELLOW:		
Golden Beauty	1.40	12.50
Eldorado	1.00	10.00
VARIEGATED:		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Stella	1.40	12.50
Armazindy	1.00	10.00
Viola Allen	1.20	11.00
Gaiety	1.20	11.00

Special prices on large lots. Unrooted pips at half price of above. 25 at 100 rate. 250 at 1000 rate. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

Loomis Floral Company, LOOMIS, CAL.

Mention The Review when you write.

200,000 ROOTED

Carnation Cuttings

NOW READY.

WHITE	Per 100	Per 1000
Queen Louise	$1.00	$10.00
Flora Hill	1.00	10.00
Gov. Wolcott	1.00	10.00
Alba	2.00	15.00
White Cloud	1.00	10.00
PINK		
Lawson	1.20	12.50
Marquis	1.00	10.00
Enchantress	3.50	30.00
Mrs. Joost	1.00	10.00
McKinley	1.40	12.50
Mermaid	1.00	10.00
Cressbrook	1.00	10.00

SCARLET	Per 100	Per 1000
Crane	$1.00	$10.00
America	1.00	10.00
Estelle	1.40	12.50
CRIMSON		
Harlowarden	1.40	12.50
YELLOW		
Eldorado	1.10	12.50
Golden Beauty	1.40	12.50
VARIEGATED		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Armazindy	1 00	10 00
Viola Allen	1.20	11.00

Unrooted Cuttings at one-half price of Rooted Cuttings.

Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

100,000 Pansy Plants at $10.00 a thousand.

Loomis Carnation Co.

Lock Box 115. **Loomis, Cal.**

Mention The Review when you write.

LONGMONT, COLO.—Rev. Wm. Butler has purchased of Mr. Perkins a half interest in the Longmont Floral Co.

SPOKANE, WASH.—Henry E. Reimers has just completed a greenhouse 27x240. He is growing roses and carnations for the wholesale trade.

LEHIGHTON, PA.—Paul Niehoff is having a very good season and next spring will build a rose house 30x75 feet, bringing his total glass area to 17,500 feet.

SAN FRANCISCO, CAL. — Richard Groves, of the Park Floral Co., is in trouble at Los Angeles over a forgery case with which his brother, an attorney, is connected.

TREES

Fruit Trees, Small Fruits, Ornamental Trees, Evergreens and Shrubs, Shade Trees, Hardy Roses, Hardy Plants, Climbers, etc. The most complete collections in this country.

Gold Medal—Paris—Pan American—St. Louis. 102 prizes New York State Fair. 1904.

Illustrated Descriptive Catalogue FREE on Request.

ELLWANGER & BARRY

Mt. Hope Nurseries, Rochester, N. Y.

Drawer 1044 W. Established 65 Years.

Mention The Review when you write.

HARDY NATIVE PENNSYLVANIA Rhododendrons

Large clumps 2 to 6 feet high, finest stock of Hardy Forest Rhododendrons in the United States, especially suited for planting on fancy lawns and large estates. Large orders especially solicited; can furnish 100 car loads; prices right.

Also 200,000 Extra Fine Apple Trees

Very cheap. A fine lot of

Plum, Pear, Peach, Cherry and Quince

a reasonable prices. Also a full line of small fruits. We solicit your inquiry and order, address

THE RIVERSIDE NURSERIES, Confluence, Pa.

Mention The Review when you write.

Manetti Stocks

Just received in splendid condition.

No. 1, 5-10 mm., $10 per 1000; $95 per 10,000.

No. 2, 3-5 mm., $7.50 per 1000.

JACKSON & PERKINS CO. Newark, New York.

Mention The Review when you write.

"BEAUTIFUL GROUNDS"

An illustrated Manual containing suggestions on Lawn Making, Planting and care of Shrubs and Trees, with names and descriptions of varieties hardy and of merit. Also information regarding Landscape Plans, Topographical Surveys, etc. A book you will often refer to. Send for it to-day. Free on application.

Peterson Nursery, 504 W. Peterson Ave., Chicago, Ill.

Mention The Review when you write.

W. & T. SMITH COMPANY

GENEVA, N. Y.

Wholesale Growers of ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits in great variety

Send for our Wholesale Price List.

Mention The Review when you write.

EVERGREEN.

An Immense Stock of both large and small sized EVERGREEN TREES in great variety; also EVERGREEN SHRUBS. Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

Mention The Review when you write.

CALIFORNIA PRIVET 1, 2 and 3 YEARS

Also Cuttings. Any reasonable offer will be accepted on lots of 5,000 to carloads.

RIVER VIEW NURSERIES

J. H. O'HAGAN, Little Silver N. J.

Mention The Review when you write.

ROSES FOR SPRING BLOOMING

The proper sorts. Clothilde Soupert. General Jacqueminot, Ulrich Brunner. La France. Magna Charta, Crimson Rambler, etc.: fine field-grown plants that have never been forced, suitable for 5-inch pots, at 7c.; larger for 6-in., at 12c. Crimson Rambler, XXX, long tops, 20c Large flowered Clematis, finest purple, lavender, white and red sorts, 2-year at 18c.; 1-year at 9c. Hydrangea pan. grand., fine bushy plants, 8c. Other shrubs, etc., in cellar, priced on application. Packing free for cash.

W. H. SALTER, Rochester, N. Y.

Rhododendrons

Maximum, 6 inches ..... $5.00 per 100
Maximum, 12 inches..... 10 00 per 100
Maximum, 20 inches..... 15.00 per 100
Maximum, 30 inches..... 20.00 per 100
Maximum, 40 inches..... 25.00 per 100

Choice plants. Cash with first order. Send for price list of all kinds of Shrubbery, etc.

J. N. PRITCHARD, Elk Park, N. C.

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

THE seventy-fourth fair of the American Institute opened at New York February 16. A conference on fruit interests called for the presence of many growers and nurserymen.

IRON-CLAD TREES AND SHRUBS.

The cut and dried phrase, "hardy as an oak," must be eliminated from modern sayings and "as hardy as a lilac" substituted. Prof. Wm. Saunders, director of the Central Experimental Farms, Ottawa, Canada, and his co-laborers at Brandon and at Indian Head, in the Canadian northwest, have been testing for the past sixteen years the hardiness of all trees and shrubs of economic and ornamental value. In a recent bulletin the results to date are given, and it is with pleasure that we find many friends of our more temperate zone among the list that stood the test, in it being the lilac in many varieties and species, while the oak is limited to one species, Quercus macrocarpa, the mossy cup oak.

In Manitoba and the territories where these tests were made, the snow covering averages during the winter from one to two feet in depth, which acts as a protecting blanket of much value. At Brandon, in ordinary winters, the thermometer runs from 40 to 45 degrees below zero, and often continues as low for several weeks and at Indian Head from 50 to 52 degrees below is sometimes reached. Any plant standing for successive years the degrees of frost here given may justly be called an iron-clad and be safely used by planters in the United States in exposed situations.

It must be borne in mind, however, that a foot or more of snow over the roots is of untold value in protecting them. The main loss in trees and shrubs in the United States during the cold winter of 1898-9 was at the roots, not the tops. Strawy manure is a good substitute for a blanket of snow, and acts as an additional protection where snow exists.

All varieties mentioned in this list proved reasonably hardy. A few were damaged a little at the tops in some winters, but not enough to effect them to any extent. It may be taken for granted that almost any tree, shrub, or vine ordinarily in commercial nurseries, possessing a reasonable degree of hardiness, not found here, was tried and proved tender. Some trees, including the maples, were hardy if grown from seed ripened in the Northwest Territories, otherwise not. Those that stood the test were:

Deciduous Trees.

Acer Negundo
Acer Tataricum
Acer Ginnala
Alnus glutinosa
Amelanchier alnifolia
Betula alba
Betula borealis
Betula lenta
Betula papyrifera
Betula pumila
Crataegus chlorosarca
Crataegus coccinea
Crataegus Oxyacantha Sibirica
Crataegus sanguinea
Elaeagnus angustifolia
Fagus Pennsylvanica
Fagus nigra
Populus balsamifera
Populus balsamifera sauveolens
Populus Berolinensis
Populus Certinensis
Populus deltoides
Populus deltoides aurea
Populus laurifolia
Populus nigra
Populus tremuloides
Prunus nigra
Prunus Pennsylvanica
Prunus Americana
Prunus pumila
Prunus demissa
Prunus Maackii
Pyrus baccata in various forms
Pyrus prunifolia in various forms
Quercus macrocarpa
Sorbus Americana
Salix alba
Salix daphnoides, Vill. (S. acutifolia, Willd.)
Salix fragilis
Salix interior (Longifolia, Muhl.)
Salix Nicholsoni purpurascens
Salix pentandra
Salix rubra Forbyana
Salix viticella Britzensis
Salix Voronesh
Ulmus Americana

Deciduous Shrubs

Artemisia Abrotanum
Artemisia Abrotanum tobolskianum
Berberis Amurensis
Berberis aristata
Berberis Sieboldi
Berberis Thunbergi
Berberis vulgaris
Caragana Chamlagu
Caragana frutescens
Caragana frutescens pendula
Caragana frutescens mollis glabra
Caragana grandiflora
Caragana arborescens
Caragana pygmaea
Cornus alba Sibirica
Cornus Baileyi
Cornus stolonifera
Corylus Americana
Corylus rostrata
Cotoneaster acutifolia
Cotoneaster integerrima
Cotoneaster tomentosa
Cytisus capitatus
Cytisus purpureus
Eleagnus argentea
Ligustrum Amurense, fairly hardy.
Lonicera spinosa Alberti
Lonicera bella atrorosea
Lonicera flava
Lonicera Hirsuta
Lonicera Maackii
Lonicera Morrowi
Lonicera oblongifolia
Lonicera Sibirica
Lonicera Ruprechtiana
Lonicera Tatarica
Lonicera Xylosteum
Physocarpus opulifolius (Spiraea opulifolia)
Potentilla fruticosa
Rhamnus alnifolia
Rhamnus cathartica
Rhamnus Dahurica
Rhamnus Frangula
Rhamnus infectoria
Rhus Canadensis
Rhus glabra
Ribes alpinum
Ribes Americanum
Ribes aureum
Rosa Virginiana (R. blanda, Ait.)
Rosa rugosa
Rosa ferruginea
Shepherdia argentea
Shepherdia Canadensis
Spiraea arguta
Spiraea Billardii
Spiraea Chamaedryfolia
Spiraea hypericifolia
Spiraea trilobata
Spiraea Japonica
Spiraea salicifolia
Spiraea sorbifolia
Spiraea Van Houttei, fairly hardy
Symphoricarpos occidentalis
Symphoricarpos orbiculatus, Moench.
Syringa vulgaris in many forms.
Syringa Chinensis
Syringa Josikaea
Syringa villosa
Syringa Japonica

Evergreens.

Abies Balsamea
Juniperus Sabina
Juniperus Sabina variegata
Juniperus Virginica
Picea alba, from local seed.
Picea nigra
Picea Engelmanni
Picea excelsa
Picea pungens
Pinus divaricata
Pinus Cembra
Pinus sylvestris
Thuya occidentalis, natives around Winnipeg, hardier than eastern grown.
Larix laricina

Vines.

Celastrus scandens
Clematis ligusticifolia
Clematis Virginiana
Clematis Vitalba
Clematis Viticella
Humulus Lupulus
Lonicera glauca
Lycium Chinense
Lycium Europaeum
Menispermum Canadense
Menispermum Dauricum

The following plants are used in hedges for shelter belts and ornamental purposes:

Caragana arborescens, cotoneasters, Salix Britzensis, white spruce and box elder.

Prof. Saunders illustrates a handsome hedge of box elder, Acer Negundo, over fifteen feet high and some eight feet wide at the base, clothed to the ground in foliage.

In 1899 Prof. Saunders issued a catalogue of trees and shrubs tried in the arboretum at Ottawa, Canada, indicating their degree of hardiness, and it is a singular fact that when I compare the long list of those I have tried here, their degree of hardiness coincides with the results at Ottawa, with very few exceptions, probably due to individual vigor, for in the Ottawa trials some individuals of a species were hardy while others were tender. This similarity of hardiness in this region may be confined to a narrow zone bordering Lake Michigan.

W. C. EGAN.

MASSACHUSETTS GARDENERS.

Mrs. J. L. Gardner, Brookline.

At Mrs. John L. Gardner's, whose estate in Brookline covers some thirty-three acres, orchids are grown in considerable numbers. Some extra fine forms of Cattleya Trianæ, of which 250 plants are grown, were noted. Dendrobium nobile was also in season. Some good vandas and other rarely seen East Indian species were represented by fine plants. Phaius grandifolius is a favorite for decorating, about 100 plants being grown. These were just opening. The stove house contained a fine selection of well-grown stuff. Camellias are still favorites here. Some planted-out specimens were nearly twenty feet high. Boronias, acacias and other hard-wooded stock filled one house. At one end of a propagating house a nice lot of phalænopsis were just coming into bloom. Cinerarias, cyclamens, primulas, genistas, eupatoriums and bulbous stock are grown in quantity for house decoration. William Thatcher is the gardener in charge here.

J. E. Rothwell, Brookline.

A most interesting place to visit for all who are interested in orchids is James E. Rothwell's on Sewall avenue, Longwood, where one of the best collections in America is to be seen, quite a number of small houses being filled to repletion with well grown plants of the various genera. Cypripediums are prime favorites and there are some 500 distinct varieties and forms of these alone. Many of the choice yellow forms of Cypripedium insigne were noted, including Sanderæ, Sanderianum, Joungianum, Ernestii, Laura Kimball, Ballianum and others. Other fine types included Harefield Hall, Coulsonianum, platysepalum and Dominianum. Numerous seedlings from good crosses were noted. Two just flowering, C. Leeanum x C. insigne Ernestii and C. Spicerianum x C. insigne Sanderæ were distinct and good.

Many interesting cattleya and lælia crosses are being made, quite a collection of Lælia cinnabarina crosses being included. Several of these were in bloom. Some baskets of the pretty Lælia Lindleyana were flowering very freely. Odontoglossums are great favorites here and are well grown. Some fine spikes were open on O. crispum, O. Pollettianum, O. Hebraicum, O. mulus and others. A nice batch of masdevallias are grown in a cool north house, M. Veitchiana grandiflora being the finest in flower. In dendrobiums several of the nobile sections, such as Tollianum and Cooksoni, were in flower, also D. splendidissima grandiflora.

A small division contained a finely grown lot of phalaenopsis. Most of these were in flower and comprised P. grandiflora, amabilis, Schilleriana, Stuartiana and Dayana, such spikes as would make a star attraction in a high-class New York florist's store. Very good results have been obtained here from the use of native leaf-mold, Emil Johannson, the skillful grower in charge, pointing out seedling cattleyas grown in it which were much superior to those grown in fern fibre. Everything on the place reflects great credit on Mr. Rothwell and his excellent gardener.

J. E. Thayer, South Lancaster.

At John E. Thayer's, in South Lancaster, are to be seen a lot of magnificently grown Lorraine begonias. J. E. Clark, the head gardener, is an adept in their culture. They are the best we have seen. Some beautifully flowered Erica melanthera were noted. These are found very serviceable for house decoration, lasting finely. In violets, Campbell is still preferred to the single ones. Enchantress was the best carnation. Lawson was also good. Flamingo will be dropped, as it is too slow and shy. Boston Market is grown for white. A fine lot of antirrhinums were yielding fine spikes, the color of Rosy Morn being especially taking. Schizanthus is being grown in quantity, a compact form of S. pinnatus alba and S. Wisetonensis being used. Some well flowered large pans of Cœlogyne cristata of the Chatsworth variety were just at their best. Ruellia macrantha Mr. Clark thinks highly of and says it is a persistent bloomer. A bench of Kronk's cauliflower had been furnishing fine heads for some time and Stirling Castle tomato was carrying a fine crop.

Nathaniel Thayer, South Lancaster.

At Nathaniel Thayer's the large house of Beauty roses was off crop when we called. Quite a number of gardenias are grown. Like other growers, A. P. Meredith is troubled to some extent with the "yellows." He thinks shallow and more porous compost, and the use of very little animal manure in the same, will improve conditions another year. Calceolaria rugosa "Golden Gem" is a favorite in pots, being grown in quantity. Campbell violets are grown exclusively. Some very fine forms of Cattleya Trianæ were noted.

W. N. CRAIG.

A LARGE STOCK OF WELL ROOTED

Carnation Cuttings

Selected from clean, healthy stock; just the kind you are looking for and at **Rock Bottom Prices.** As a leader we offer

MRS. LAWSON, $1.25 per 100; $10 per 1000

	Per 100	Per 1000		Per 100	Per 1000
BOSTON MARKET	$2.00	$15.00	MRS. INE	$1.50	$12.00
STELLA	2.00	15.00	MRS NELSON	1.50	12.00
HARRY FENN	2.00	15.00	TRIUMPH	1.50	12.00
ROOSEVELT	1.50	12.00	FLORA HILL	1.00	9.00
ESTELLE	2.50	20.00	GUARDIAN ANGEL	1.00	9.00

All stock sold with the understanding that if not as represented, same is to be returned immediately when money will be cheerfully refunded.

J. A. BUDLONG, 37 Randolph St, CHICAGO

Mention The Review when you write.

RED SPORT (Of Maceo.)

Red Sport has proved the greatest money-maker we ever grew, producing more good blooms to the square foot of bench room than any other variety on the place. During the glut the first part of January we could only get four cents for fancy Lawson and sold every Red Sport we had at five cents. Every grower who was here in December was carried away with its possibilities, as a future supply of a "holly berry red" for Xmas. There is no pick in the blooms. They are all a uniform size and color. There are 40,000 or 50,000 buds showing in different stages of development at this time and there is not a split or off color bloom in the lot and every plant is the picture of health. We will plant 20,000 plants of Red Sport for next season's bloom and the cut is already engaged by two of Washington's leading retailers. Red Sport is an easy doer and everyone can grow it as successfully as we can. Price for Feb. 20th delivery—12 for $1.50; 25 for $2.50; 50 for $4.00 post-paid; $6.00 per 100; $50.00 per 1000. We guarantee stock to arrive in good condition and be well rooted.

A. B. DAVIS & SON, Carnation Specialists, PURCELLVILLE, VA.

Mention The Review when you write.

RICHMOND GEM Ready Now

Freest scarlet on the market today, $10.00 per 100; $40.00 per 500; $75.00 per 1000. Also

Mrs. Lawson	$1 50 per 100;	$12.50 per 1000	White Cloud	$1.50 per 100;	$12.50 per 1000
Mrs. Joost	1.25 "	10.00 "	Queen Louise	1.25 "	10.00 "
Enchantress	4.00 "	30.00 "	Flora Hill	1.25 "	10.00 "
Marquis	1.25 "	10.00 "	Prosperity	1 50 "	12.50 "
Boston Market	2.50 "	20.00 "	Estelle	2.00 "	15.00 "

Our price isn't high. The quality cannot be surpassed.

W. C. HILL FLORAL CO., STREATOR, ILL.

Mention The Review when you write.

We Can Supply You. Write Us for Prices.

CARNATIONS
White Lawson, Flamingo, Lady Bountiful, Nelson Fisher, Crusader and Others.

ROSES La Detroit, American Beauty, Mildred Grant Gen. MacArthur, Liberty, Bride, Maid, Perle, Sunrise. Mme. Hoste, Mme. Cusin, Bon Silene, Papa Gontier, Kaiserin.

Chrysanthemums
The 3 grand new commercial varieties, Majestic, Adelia and Madonna.

SNAPDRAGONS
Giant Pink, White and Yellow.

John Breitmeyer's Sons, Detroit, Mich.

Mention The Review when you write

KANSAS CITY.

The Market.

A week of unprecedented snow and cold has brought things to a low level. Stock is very scarce. Roses are very poor, with the exception of Brides and Maids. Very few receptions have been held on account of the snow and were it not for an immense funeral trade business would have stagnated. Carnations are very scarce and of poor quality, with the exception of Enchantress, which in some shops shows an improvement over the past week. Bulbous stock is coming in freely and of fine quality. Prices are a little in advance of last week. Some extra fine sweet peas and violets are shown and are bringing good prices. Several large weddings and receptions the coming week promise to brighten things up.

Various Notes.

Your correspondent visited the range of W. J. Barnes, at Thirty-eighth and Euclid streets. Mr. Barnes has entirely remodeled his place and made quite an addition to his already large plant. He has two large houses in carnations and is growing some fine Joost, Lawson, Boston Market and Wolcott. He also has two large houses in roses, Brides, Maids, Gates and Beauties. He also has coming on an immense stock of tulips, hyacinths, longiflorum and Harrisii lilies. The office has been remodeled, with new fixtures, including a new cash register and improved bookkeeping system. Mr. Barnes does very little wholesaling, being able to dispose of the most of his stock to local trade.

J. H. Vesey, on Denver avenue, has two large houses in carnations, some fine bedding stock, and an exceedingly fine lot of hardy roses coming on for Easter trade. Mr. Vesey reports business as very good in spite of the gloomy weather.

A new firm, known as the Budd Park Flower Co., is rebuilding the Jarrett place and expects to have things in shape for the spring trade.

E. A. Humfeld has one of the finest locations in the city, having two of the principal driveways of the park system on either side of his place, and is doing a large business. Mr. Humfeld is confined to his home with the grip but reports business as first-class.

Jas. Payne, of Union cemetery, has some fine carnations and a large amount of bedding stock. Mr. Payne reports business as all that could be desired.

Miss M. Dalley is able to attend to business again and reports good trade in her line.

Nelson Jarrett has some of the finest begonias to be seen here and is growing a large stock of bedding plants for the spring trade.

A new fuel is being tried by a local grower, who claims for it that there is no smoke, an intense heat and no waste. His experiment is being watched with interest, as the new smokeless law here makes a smokeless fuel necessary.

W. L. Rock is showing some of the finest stock in the city, grown at their place near Forest Hill cemetery.

NARCISSUS.

BALTIMORE, MD.—On February 7 an oil stove set fire to the wagon of J. P. Eberhart and the vehicle and considerable stock were destroyed.

.....FINE ROOTED.....

CARNATION CUTTINGS

From sand of Enchantress and Fair Maid, $3 00 per 100; $25.00 per 1000 Same varieties from pots $3.50 per 100; $30.00 per 1000. Cash with order.

J. W. FOOTE, - MALDEN, MASS.

Mention The Review when you write.

ROOTED CUTTINGS

Roses—Bride, Chatenay, Gate, Perle and Ivory, $2.00 100; Uncle John and Beauty, $3 00 100.
Carnations—Mrs. M. A. Patten, $5 00 per 100; D. Whitney, Enchantress, 4c; White Cloud, Joost Morning Glory Gov. Wolcott, Q. Louise, $1.50 per 100. **Special price on large lots.**

J. F. AMMANN, Edwardsville, Ill.

Mention The Review when you write.

Carnation Rooted Cuttings

	Per 100	Per 1000
WHITE LAWSON	$6.00	$50.00
FLAMINGO	6.00	50.00
ENCHANTRESS	3.00	25.00
THE QUEEN	2 50	20.00
THE CARDINAL, from 2-in. pots	12.00	

LARCHMONT NURSERIES, Larchmont, N. Y.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

60,000 Grafted Rose Plants

We are now grafting on the best English Manetti the above amount of all selected flowering wood ready for delivery April 1st, in 2½-inch pots, well established and hardened off.

Brides and Bridesmaids, per 100, $10.00.

La Detroit, Gen. MacArthur and Liberty, per 100, $12.00.

ROOTED CUTTINGS.

Bride, Bridemaid and Chatenay, per 100, $1.50.
Perle and Liberty, per 100, $2.50.

Carnations

Rooted Cuttings Now Ready.

	Per 100	Per 1000
Gov. Wolcott	$1 50	$12 50
White Cloud	1 50	12 50
Norway	1 50	12 50
Mrs. Lawson	1 50	12 50
Morning Glory	1 50	12 50
Joost	1 50	12 50
Enchantress	3 00	25 00
Crusader	5 00	40 00
Crane	1 50	12 50
America	1 50	12 50
Estelle	3 00	25 00
Gaiety	2 00	15 00
Prosperity	1 50	12 50
Flamingo	6 00	50 00

All Plants Shipped from Hinsdale.

Bassett & Washburn,

Greenhouses, Hinsdale, Ill.

Office & Store 76 Wabash Ave., CHICAGO.

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Strong Rooted Carnation Cuttings

	Per 1000		Per 1000
Enchantress	$30.00	Adonis	$25.00
Lord	10 00	Flamingo	50.00
Angel	10.00	Estelle	15.00
Lawson	10.00	Bradt	10.00
Gov. Wolcott	10 00	Mrs. M. A. Patten.	40.00
Flora Hill	10.00	Peru	10.00
Boston Market	20.00	Queen Louise	8.00

Cash or C. O. D.

SOL. GARLAND, Des Plaines, Ill.

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THE KING OF ALL SCARLET CARNATIONS

ROBERT CRAIG

(WARD)

Will Not be Disseminated Till 1906. First Delivery Commencing Dec. 1, 1905.

THE IDEAL CHRISTMAS CARNATION

A GENUINE NON-BURSTING SCARLET LAWSON

JUST THE COLOR OF THE HOLLY BERRY

Send Your Orders Now, with privilege to cancel same at any time prior to December 1, 1905, if on inspection variety does not prove satisfactory. PRICES: $2 50 per doz.; $12.00 per 100 $100.00 per 1000; 2 500 lots at $95 00 per 1000; 5 000 lots at $90.00 per 1000; 10 000 lots or more, at $80 00 per 1000.

COTTAGE GARDENS CO. (INC.), Queens, N.Y.

C. W. WARD, Originator.

HAS BEEN AWARDED THE FOLLOWING HONORS

Preliminary Certificate. American Carnation Society, 92 points.
Special Diploma. American Institute of New York.
First-Class Certificate of Merit. Massachusetts Horticultural Society.
First-Class Certificate of Merit. Pennsylvania Horticultural Society.
First-Class Certificate of Merit. New York Florists' Club, 93 points.
Craig Cup for best undisseminated seedling, Philadelphia.
G. Hartman Kuhn Special Prize for best undisseminated seedling, Philadelphia.
First Prize best 100 scarlet. Chicago.
First Prize best 50 scarlet seedling. Chicago.

Carnation Rooted Cuttings

	Per 100	Per 1000
Lady Bountiful	$6.00	$50.00
The Belle	6 00	50 00
Flamingo	6.00	50.00
Nelson Fisher	6 00	50 00
Mrs. Patten	6.00	50 00
Enchantress	3 50	30.00
Prosperity	3 00	25.00
Manley	3.00	25 00
Boston Market	3 00	25 00
Nelson	3.00	25.00
Harry Fenn	2 50	20.00
Gov. Wolcott	2.50	20.00
Adonis	2.50	20.00
Lawson	2 00	17.50
Fairmaid	2.00	17 50
White Cloud	1.50	12.50
Morning Glory	1.50	12 50
Joost	1.25	10 00
Triumph	1 25	10 00

500 at 1000 rate.

FERNS: Boston Ferns, 2½-inch, $5.00 per 100; 3 inch, at $8.00; 4-inch, at $15 00; 5-inch, at $25.00; 6 inch, at $40.00; 7-inch, at $90.00.

CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

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My Maryland

Was the sensation of the Chicago Exhibition. Easily outranks any other white. Awarded first-class Certificate of Merit by the American Carnation Society. Lawson Bronze Medal for 100 blooms and S. A. F. Bronze Medal for 50 blooms. We predict that this variety will easily displace any other white.

We are booking orders now for delivery January, 1906. **Price, $2.50 per doz.; $12 00 per 100; $100.00 per 1000.** Write us for other new and standard varieties.

H. WEBER & SONS, OAKLAND, MD.

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ROOTED ROSE CUTTINGS

Strongly rooted cuttings, $12 50 per 1000.

	Per 100	Per 1000
Brides, Maids, Ivory, Golden Gates	$1.50	$12 50
Perles, Meteors	2 00	20.00
American Beauties	3.00	30.00

Boston Ferns, 2¼-in., $3 50; 4 in., $12; 5-in., $20; 6-in., $35; 7 in., $60; 8-in., $75. Excellent value.

Asparagus Plumosus, very strong, 4 in., $10 per 100. fine stuff, ready to retail at 25c each.

Sprengeri, 4-in., choice, $8 per 100.

W. H. GULLETT & SONS, Lincoln, Ill.

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ROOTED CARNATION CUTTINGS

	Per 1000		Per 1000
Enchantress	$25.00	Adonis	$25.00
Lord	10.00	Estelle	12 50
Angel	10 00	Bradt	10.00
Lawson	12.50	Peru	10.00
Flora Hill	10.00	Queen Louise	8.00

Cash or C. O. D.

PERCY JONES, 58-60 Wabash Ave., CHICAGO

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$10 per 100 $40 per 500 $75 per 1000	**Red Lawson will Bloom** 3 to 1 **against any other RED Carnation on the market**	$10 per 100 $40 per 500 $75 per 1000
8000 BLOOMS Cut and Sold Xmas Week at $1 50 per doz.	**Palmer's RED LAWSON**	8000 BLOOMS Cut and Sold Xmas Week at $1 50 per doz.
$10 per 100 $40 per 500 $75 per 1000	**50,000 CUTTINGS SOLD** and not a word of complaint FINE, STRONG, HEALTHY CUTTINGS	$10 per 100 $40 per 500 $75 per 1000

W. J. PALMER & SON, Lancaster, N. Y.

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ROOTED CARNATION Cuttings, Now Ready

White Lawson,	M. A. Patten,
Flamingo,	Nelson Fisher,
Lady Bountiful,	Albatross,

The above at $5 per 100; $40 per 1000.
The following at $3 per 100; $25 per 1000.

Enchantress,	The Queen,
Boston Market,	Fairmaid.

Imperial Greenhouses, Utica, N. Y.

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Rooted Cuttings CARNATIONS Clean and Healthy

MRS. M. A. PATTEN	$6.00 per 100
NELSON FISHER	7.00 "
ENCHANTRESS	3 00 "
WOLCOTT	2.00 "
BOSTON MARKET	2.00 "
J. H MANLEY	2.00 "
MACEO	2.00 "

SIDNEY LITTLEFIELD, North Abington, Mass.

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MODEL EXTENSION Carnation Supports.

ALSO

Wire Rose Stakes and Tying Wire.

Igoe Bros., Manufacturers, **226 North 9th St., Brooklyn, N. Y.**

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Always mention the Florists' Review when writing advertisers.

CARNATIONS

Petunias Salvias

STRONG ROOTED CUTTINGS.

	Per 100	1000		Per 100	1000
N. Fisher	$5 00		Wolcott	$2.00	$18.00
Indianapolis	4.00		Glacier	1 50	14 00
Enchantress	2.50	$24.00	Mrs. Lawson	1 50	14.00
B. Market	2 00	18.00	Prosperity	1 50	14.00
Estelle	2 00	18.00			

Petunias—Double Fringed. We are headquarters for these. Six distinct novelties, labeled, $1.25 per 100; $10.00 per 1000.

Salvias—The two best. Drooping Beauty, (dwarf), Bonfire, (tall), $1.00 per 100; $8.00 per 1000.

Send for our descriptive list.

The W. T. Buckley Co.

SPRINGFIELD, ILL.

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CARNATION CUTTINGS

Well Rooted from Selected Stock.

	Per 100	Per 1000
NELSON FISHER	$7.00	$60.00
MRS. M. A. PATTEN	6.00	50.00
FLAMINGO	6 00	50.00
CRUSADER	6.00	50.00
D. WHITNEY	5.00	40.00
ENCHANTRESS	4.00	30.00
H. FENN	3.00	25.00
MANLEY	3.00	25.00
FAIR MAID	2.50	20.00
QUEEN	3.00	25.00

BACKER & CO., Billerica, Mass.

THE NEW ROSE **WELLESLEY**

IS A WELCOME ADDITION TO THE LIST OF FORCING ROSES.

Color is bright pink, with reverse of petals clear silvery pink, thus producing a combination that is exceedingly effective either in daylight or artificial light. Growth is very free and exceptionally vigorous and will prove satisfactory every month in the year. Delivery strictly in rotation, beginning April first. PRICES: Own Root—$25 per 100; $55 per 250; $100 per 500; $200 per 1000. Grafted—$30 per 100; $70 per 250; $130 per 500; $260 per 1000.

Waban Rose Conservatories, Natick, Mass.

JOHN N. MAY, - - SUMMIT, NEW JERSEY.

FUNGUS ON ROSES.

We enclose a few rose leaves which are affected with some kind of disease. We would like to know the cause and remedy. The leaves we send are off of 2-inch pot plants. The plants seem to be thrifty with the exception of the older leaves turning yellow around the edges and curling up. In a house of 8,000 there is only one spot affected this way but it seems to be spreading slowly. Any information concerning this trouble would be gladly received.

G. N. & F. C.

When the leaves reached me they were so much dried up that it was almost impossible to diagnose the trouble but they are evidently affected with a fungus very much resembling the rose leaf blight and which if unchecked can do a lot of damage in a short time. It may not be this identical fungus but it would be safe to treat it as such. Spray with the carbonate of copper compound, using five ounces of the carbonate of copper to three quarts of ammonia and sixty gallons of water. Spray once a week using a fine nozzle and wet every part of the leaves. This is a sovereign remedy for many of the fungi which trouble the rose under glass. RIBES.

DOROTHY PERKINS RAMBLER.

Kindly give me some advice as to forcing the new rambler rose, Dorothy Perkins. I want them for Easter. They are in splendid shape now, just beginning to break. G. J. E.

We have not forced this fine pink rambler rose since the spring of 1903, but it is only through neglect or carelessness, for it is well worth forcing, and except that its color is not so showy as Crimson Rambler, it is just as desirable an Easter plant. Your plants are evidently in just the right condition. You should tie them into desirable shape. Keep them sprayed daily, and 50 degrees at night should do very well for another month; 5 degrees higher may be needed near flowering time. The few dozen we forced sold well. The cooler these ramblers can be flowered the better the color and larger the flowers will be. W. S.

SIGMUND GELLER,

FLORISTS' SUPPLIES AND RIBBONS
108 W. 28th St., NEW YORK CITY.
—HEADQUARTERS FOR NOVELTIES—

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500,000 VERBENAS — 60 — VARIETIES

The Largest and Finest Stock in the Country.
PERFECTLY HEALTHY — NO RUST

Rooted Cuttings—Per 100, 60c; per 1000 ..... **$5.00**
Plants—2½-inch pots, $2.50 per 100; per 1000 ..... **$20.00**

300,000 CARNATIONS ROOTED CUTTINGS CLEAN AND HEALTHY

CRISIS—New Commercial Scarlet; per 100, $12.00; per 1000, $100.00

	100	1000
Mrs. Patten	$6.00	
Judge Hinsdale	4.00	
Lady Bountiful	5.00	
Enchantress	$3.00	$25.00
Mrs. Lawson	2.60	15.00
Adonis	2.50	20.00
Harry Fenn	2.00	15.00
Gov. Roosevelt	1.50	12.00
Mrs. P. Palmer	1.25	10.00
Flamingo	$6.00	
Dorothy Whitney	3.00	
Golden Beauty	3.00	
The Queen	$2.50	$20.00
Mrs. E. A. Nelson	1.50	12.00
White Cloud	1.50	12.00
Dorothy	1.25	10.00
Wm. Scott	1.25	10.00
Queen Louise	1.25	10.00
Buttercup	$3.00	
Prosperity	2.00	
Mrs. J. H. Manley	2.50	
Floriana	$1.25	$10.00
Lorna	1.25	10.00
Eldorado	1.25	10.00
Mrs. Joost	1.25	10.00
Flora Hill	1.25	10.00
Portia	1.25	10.00

60,000 GRAFTED ROSES for Forcing — The Finest Grown

Orders booked for delivery in April, May and June.

Liberty, rose pots, 12.00 per 100; 3½-inch pots, per 100 ..... **$18.00**
Bride, Maid, Golden Gate, Kaiserin, rose pots, $10.00 per 100; 3½-inch pots, per 100 ..... **$15.00**

SEND FOR PRICE LIST.

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

We have about 10,000 fine, strong, well-rooted cuttings of

Ethel Crocker,

which will make fine stock for blooming next summer outdoors. This is easily the best variety for this purpose and these cuttings will pay you well. Order at once so you will get good sized plants by planting-out time. $10.00 per 1000.

INDIANAPOLIS

is the most profitable bright pink carnation on the market today. $5.00 per 100; $45.00 per 1000. Also

BEATRICE, the commercial Light Pink,
INDIANA MARKET, the most profitable White and
FLAMBEAU, the hot weather Scarlet.

Better get a stock of these, they will please you next winter when carnations are scarce. $10.00 per 100; $80.00 per 1000. We also have the best of last year's novelties as well as standard varieties. Get our descriptive price list.

BAUR & SMITH, Carnation Specialists, 38th St. and Senate Ave., **INDIANAPOLIS, IND.**

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CARNATIONS, Rooted Cuttings.

	Per 100	Per 1000
PHYLLIS	$12.00	$160.00
CHICAGO WHITE	12.00	100.00
RICHMOND GEM	10.00	75.00
THE BELLE	5.00	45.00
CRUSADER	5.00	45.00
INDIANAPOLIS	5.00	45.00
ENCHANTRESS	$3.00	$25.00
BOSTON MARKET	2.50	20.00
NELSON	1.50	12.50
ADONIS	2.50	20.00
LAWSON	1.50	12.50
MORNING GLORY	1.50	12.50
JOOST	$1.00	$9.00
HIGINBOTHAM	1.00	9.00
FLORA HILL	1.00	9.00
QUEEN LOUISE	1.00	9.00
PERU	1.00	9.00
GUARDIAN ANGEL	1.00	9.00

ROSES!

Rooted Cuttings

	Per 100	Per 1000
CHATENAY	$2.50	$20.00
UNCLE JOHN	2.50	20.00
BRIDESMAID	1.50	12.50
BRIDE	1.50	12.50
IVORY	1.50	12.50
PERLE	1.50	12.50

From 2 1-2 inch Pots.

	Per 100	Per 1000
RICHMOND	$30.00	$250.00
ROSALINDORRENG.	25.00	200.00
LA DETROIT	6.00	50.00
CHATENAY	4.00	30.00
SUNRISE	4.00	30.00
PERLE von Godesberg.	5.00	40.00
LIBERTY	$5.00	$45.00
UNCLE JOHN	4.00	35.00
KAISERIN	4.00	30.00
BRIDESMAID	3.00	25.00
BRIDE	3.00	25.00
IVORY	3.00	25.00
PERLE	3.00	25.00

All plants sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

PETER REINBERG, Telephone 2846 Central, **51 WABASH AVE., CHICAGO**

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Carnations!

ROOTED CUTTINGS READY NOW.

Clean, Healthy Stock, Well Rooted.

RED	Per 100	Per 1000
Crusader	$ 5.00	$ 45.00
Estelle	1.50	12.50
Mrs. Ine	1.50	12.50
Flamingo	5.50	45.00
LIGHT PINK		
Gibson Beauty	12.00	100.00
Enchantress	3.00	25.00
Mrs. Higinbotham	1.00	9.00
PINK		
Mrs. Lawson	1.50	12.50
Mrs. Nelson	1.50	12.50
Guardian Angel	1.00	9.00
Mrs. Joost	1.25	10.00
Genevieve Lord	1.25	10.00
Nelson Fisher	6.50	55.00
WHITE		
Boston Market	2.50	20.00
Peru	1.00	9.00
White Cloud	1.50	12.50
Queen Louise	1.00	9.00
Flora Hill	1.00	9.00
VARIEGATED		
Mrs. M. A. Patten	5.50	45.00

Rooted Rose Cuttings—

American Beauty	3.00	25.00
Liberty	3.00	25.00
Bridesmaid	1.50	12.50
Bride	1.50	12.50
Ivory	1.50	12.50
Golden Gate	1.50	12.50

GEORGE REINBERG

51 Wabash Ave., **CHICAGO**

—UNROOTED—

CARNATION CUTTINGS

The following at $3 per 100; $25 per 1000.

White Lawson, M. A. Patten,
Flamingo, Nelson Fisher,
Lady Bountiful, Crusader,

The following at $2 per 100; $15 per 1000.

Enchantress, The Queen,
Boston Market, Fairmaid.

Imperial Greenhouses, Utica, N. Y.

ROOTED CARNATION CUTTINGS

WHITE.	Per 100	Per 1000
May Naylor	$2 50	$20 00
Queen	2 50	20 00
Queen Louise	2 00	15 00
Gov. Wolcott	2 00	15 00
Boston Market	2 00	15 00
VARIEGATED.		
Mrs. Patten	6 00	
Prosperity	2 50	20 00
Judge Hinsdale	4 00	
PINK.		
Enchantress	$3 50	$30 00
Lawson	2 00	15 00
Fair Maid	2 00	15 00
Nelson Fisher	6 00	
CRIMSON.		
Harlowarden	2 50	20 00
Octoroon	4 00	
Harry Fenn	2 50	20 00

SCARLET.

Flamingo, 100, $6.00. Gov. Bliss, 100, $2.50; 1000, $20. Crane, 100, $2.00; 1000, $15.00

		Per 100	Per 1000
POT GROWN CARNATIONS, 2-INCH STOCK.	Lawson, Queen Louise, Prosperity,	$4 00	$30 00
	Harlowarden	5 00	40 00
	Enchantress	6 00	50 00

GRAFTED ROSES ON STRONG ENGLISH MANETTI STOCK.

Bridesmaid, Bride, Ivory, Golden Gate, Chatenay $120 00
Uncle John, La Detroit, Gen. MacArthur $18 00

SAMUEL S. PENNOCK, 1612-14-16-18 LUDLOW ST., **PHILADELPHIA.**

ROSES List Grown for the Trade. **ROSES**

Bride Maid, Golden Gate, Ivory, Meteor, Souv. de Wootton, Kaiserin, Perle des Jardins, Belle Siebrecht, La France, President Carnot, Gen. MacArthur, La Detroit, American Beauty.

We offer exceptional values in Perles in 2 and 3-in. rose pots. As good as any you ever saw, at $3.00 and $4.50 per 100. Ready now.

Fine Am. Beauties, March delivery, $6 per 100.

Write GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

J. D. THOMPSON CARNATION CO.,
JOLIET, ILL.
CARNATIONS OUR SPECIALTY

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ROOTED CUTTINGS

Of early Chrysanthemums, Opah, Mme. Bergmann, Willowbrook and October Sunshine.

Rooted Cuttings of Violets of all kinds.

ELI CROSS, Grand Rapids, Mich.

Mention The Review when you write.

FRED BURKI

is the commercial white carnation you ought to grow. It will pay you well to invest in it. All orders booked now are for March delivery.

S. S. SKIDELSKY, Philadelphia.
JOHN MURCHIE, Sharon, Pa.

Carnations Rooted Cuttings

FINE HEALTHY STOCK

	Per 100	Per 1000
ENCHANTRESS	$3.50	$30.00
QUEEN	2.50	20.00
LAWSON	2.00	15.00
QUEEN LOUISE	2.00	15.00
WOLCOTT	2.00	15.00
FLORIANA	1.50	12.50
LORD	1 25	10.00

ROBERT C. PYE, NYACK, N. Y.

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Chrysanthemum Novelties

We are headquarters for the best new varieties. Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Mileham, Lady Cranston, A. J. Miller, Mrs. D V. West, etc., etc. Complete list now ready. Send for a copy.

CHARLES H. TOTTY, MADISON, N. J.

Mention The Review when you write.

Vegetable Forcing.

VEGETABLE MARKETS.

CHICAGO, Feb. 15.—Cucumbers, 35c to $1.40 doz.; leaf lettuce, 18c to 20c case; head lettuce, $2 to $5 bbl.; mushrooms, 15c to 25c lb.; spinach, $7 to $7.50 bbl.; radishes, 25c to 35c doz. bunches.

BOSTON, Feb. 14.—Cucumbers, $6 to $15 box; tomatoes, 50c lb.; lettuce, $1.25 to $2 box; parsley, $1 bu.; mint, $1.25 doz.; mushrooms, 60c to 75c lb.; rhubarb, 4c lb.

PLANTS FOR OUTDOORS.

We find about the beginning of March the best time to sow seeds of peppers and egg plant, as they want to be kept moving pretty freely after they are started and require quite a little more heat than the average run of vegetable seedlings. By sowing at this date by the time the plants have got a start the weather is warmer and they can be grown on a good deal easier than if started earlier. We also sow our main crop varieties of tomatoes about the same time.

Regarding varieties in egg plant there is not much to choose from. Some firms catalogue several varieties but I am inclined to think that most of them will be taken from the same bag. Though trying several we have found nothing yet to beat the old stand-by, New York Spineless. In peppers we like Ruby King best of the larger varieties but where a medium-sized variety is wanted a very free growing and prolific one is County Fair. In tomatoes the varieties are so numerous as to be rather bewildering, and (for the beginner at least) it is hard to know just what to choose. Of the main crop varieties, Stone is, I think, the best introduction of recent ears. No one will make a mistake in growing a quantity of this good all-round variety. Of the purple tinted varieties the old Acme is as good as any.

In a recent article I gave my ideas about the sowing of seeds, soil employed, temperature, etc., so it is needless to go over the same ground again. The time when the seedlings should be pricked over will depend somewhat on how thick the plants are in the flats. If they begin to crowd one another at an early stage, they will have to be handled all the sooner, but unless they are crowded so as to induce drawing it is well to wait until the plants are of sufficient size to be easily handled. Ordinary potting soil will be all right to use for this purpose. If this contains a little well rotted manure it will not do any hurt but chemical fertilizers should be avoided. The size of the flats used is immaterial, so long as they can be conveniently handled, but if the size can be regulated so that they will fit neatly into the benches, no space will be wasted. A little rough material should be put into the bottom of the flats to act as drainage, and, although it is seldom necessary to sift the soil, it is all the better to have that on the surface rather fine.

The distance apart will have to be regulated by the growth of the different plants. About two inches each way will be room enough for lettuce to attain sufficient size for planting out, but cabbage and cauliflower will require about three inches. Peppers, egg plant and tomatoes succeed best when planted from pots. It is better, however, to prick over into flats from the seed flats, allowing them a space of about two inches each way, and pot up into 3-inch pots when they begin to crowd one another in the flats, which will be about the end of April. Potted then, they will fill the pots pretty well with roots before setting out time. Shade is necessary for a few days just after pricking over but once the plants have taken a fresh hold they should be exposed to all the light possible, so as to prevent them from becoming drawn and weakly.

W. S. CROYDON.

TIME ENOUGH YET

TO FORCE A FEW

Phila. Rambler Roses For Easter

Its large clusters of very double, bright crimson flowers and its lasting quality make it one of the very best forcing roses. Well-branched plants, 3 to 4 feet, $2.50 per doz.; $17.50 per 100; $150.00 per 1000.

Scottii Fern

2½-inch.....$2.00 per doz ; $12 50 per 100
3 inch..... 3.00 per doz : 20.00 per 100
4-inch..... 5.00 per doz.

THE CONARD & JONES CO., WEST GROVE, PA.

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FORCING STOCK FOR EASTER

AZALEA MOLLIS—Full of buds, nice even heads, force easily, 12 to 15 inches high, $30.00 per hundred: 15 to 18 inches high, $40.00 per hundred.
DEUTZIA GRACILIS—Grown especially for pot culture; very bushy: 12 to 15 inches high, for 6-inch pots $6 00 per hundred; 15 to 18 inches high, for 7 or 8-inch pots $8.00 per hundred.
DEUTZIA LEMOINEI—Similar to Gracilis, but stronger grower; 15 to 18 inches high, for 6-inch pots, $8.00 per hundred; 18 to 24 inches high, for 7 or 8-inch pots, $10.00 per hundred.
RHODODENDRONS—Best named Hybrids bushy and full of buds; 20 inches high, $9.00 per dozen; 24 inches high, $12.00 per dozen; 30 to 32 inches high (heavy), $24.00 per dozen.
SPIRAEA JAPONICA—$3.00 per hundred.
SPIRAEA NANA COMPACTA—$1 00 per hundred.

THE STORRS & HARRISON CO., - PAINESVILLE, OHIO

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TELEGRAPH Geranium

For bedding out, conservatory or window. Pronounced by the most competent judges, the grandest geranium in commerce. Awarded first-class certificates and diplomas. Telegraph has commanded more notice and received more honors than any geranium disseminated. Will sell at sight and give satisfaction. 2¼ in. strong plants. $15.00 per 100. On sale by the leading houses and **Thos. DeVoy & Son, Poughkeepsie, N. Y.**

Mention The Review when you write.

NICE CLEAN STOCK!

Rooted Carnation Cuttings Cheap.

Enchantress, Nelson Fisher, M. A. Patten, Gov. Wolcott, Boston Market, White Cloud and Mme. F. Joost. Also unrooted of last two varieties. PRICES ON APPLICATION.

C. G. VELIE & SON,

Valley View Greenhouses. **Marlborough, N.Y.**

ORCHIDS

CATTLEYA MENDELLI Just arrived in fine condition, a shipment of this scarce and beautiful Orchid. Also Laelia Anceps, Oncidium Tigrinum, etc. Write for special list No. 14.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

BOSTON FERNS!

2½-in., $4 00; 3-in. $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.

DAVIS BROS.,

Morrison, Ill., and Geneva, Ill.

Mention The Review when you write.

For Rooted Cuttings or 2-In. of

Coleus, Geraniums, Salvia, Ageratum, Chrysanthemums, Carnations, Sweet Alyssum, Feverfew, Cuphea, Petunias, Lantanas, Alternantheras, Mme. Salleroi, Fuchias, Begonias, etc., write

GEO. A. KUHL, PEKIN, ILL.

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EASTER PLANTS ..A.. Specialty

Have an immense stock of the following, which will be in bloom for Easter:

Spiraea Compacta, Floribunda, Japonica and Gladstone.

Three houses full of choice **Azalea Indica**, among them are: 1500 pots of **Van der Cruyssen**, all sizes and prices, 75c, $1.00 and $1.25.

Hydrangea Otaksa, Cineraria. Hybrida, 6-inch Harrisii and Japan Lilies by the thousands, White Daisies; Ficus Elastica (rubber plant) 6 to 7 inch pots, $6.00 to $9.00 per doz.; Araucaria Excelsa, 7-inch pots, 30 to 35 inches high, $1.50 each; **Hyacinths**, Tournesol Tulips, Von Sion Daffodils; American Beauty, Bride and La France Roses. Everything of good quality and lowest prices Watch for Easter adv.

Godfrey Aschmann, Wholesale Grower and Importer of Pot Plants.

1012 Ontario St, PHILADELPHIA, PA.

Bell Phone Tioga 3669 A.

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Rooted Cuttings

PELARGONIUMS, 15 var., $2 25 per 100.
VERBENAS, 30 var., 60c per 100; $5.00 per 1000.
HELIOTROPE, 12 var, $1.00 per 100; $8 per 1000.
PETUNIAS, 20 var., $1.25 per 100; $10.00 per 1000.
SALVIAS, 6 var., $1.00 per 100; $8.00 per 1000.
GIANT ALYSSUM, $1.00 per 100; $8.00 per 1000.
AGERATUMS, 4 var., 60c per 100; $5.00 per 1000.
COLEUS, 40 var., 70c per 100; $6.00 per 1000.
DAISIES, $1.00 per 100.

Express prepaid on all R. C.
Cash with orders. Write

S. D. Brant, Clay Center, Kan.

200,000 PANSIES—Fine large transplanted plants, Prize Strain, of the famous large-flowering Bugnots Cassiers, Odier and Trimardeau, stocky plants from cold frame, 50c per 100; $3 00 per 1000. Mammoth Verbenas, R. C., 60c per 100; $5 00 per 1000. Dwarf Blue Lobelia, R. C., $1.00 per 100, $8 00 per 1000. Ageratum Dwarf Blue, 60c per 100. Asparagus Plumosus, from flats, ready for 3-inch, $2.00 per 100, 3-inch, $3.00 per 100. Stocks, double white for Easter, $1 00 per 100; $8.00 per 1000. Salvias, Red Splendens, $1.00 per 100. Feverfew, double white, $1 00 per 100; $8.00 per 1000. Daisies, double white, 75c per 100; $5 00 per 1000. Plants by the 100 free by mail.

SAMUEL WHITTON, 15-17 Gray Ave., **UTICA, N.Y.**

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10,000 Latania Borbonica PALMS

We have a fine stock of this variety, strong plants in 2¼ and 3-inch pots some of which are showing character leaves, ready for immediate shift. While they last, **$5.00 per 100; $45.00 per 1000.**

The DINGEE & CONARD CO.
WEST GROVE, PA.

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BOSTON and PIERSON FERNS
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J. B. Braidwood, Successor to William Clark.
COLORADO SPRINGS, COLO.
Send for Price List.

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Boston Ferns

Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots, at 25c, 50c, 75c, $1.00 each.

KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS

Cash or reference please.

L. H. Foster, 45 King St. **Dorchester, Mass.**

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NEPHROLEPIS SCOTTII

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time. Prices—6-in. pot-grown, ready for 8-in., $15 00 per doz.; 7-in. pot-grown, $24.00 per doz.; 8-in. pot-grown, $36 00 per doz.

JOHN SCOTT, Keap Street Greenhouses, **BROOKLYN, N. Y.**

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SWEET PEAS
FOR FLORISTS.

We offer below a short list of the best sorts to grow for cutting.

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	¼ lb.	lb.
Blanche Ferry, pink and white	$.10	$ .20
" " extra early, 10 days earlier than above	.10	.25
Countess Cadogan, clear blue	.10	.25
Countess of Radnor, lavender	.10	.20
Dorothy Eckford, the latest, largest and finest white	.20	.50
Earliest of All, very early, pink and white	.10	.30
Emily Eckford mauve or heliotrope	.10	.20
Emily Henderson, an early, free and continuous flowering white	.10	.20
Hon. F. Bouverie, fine clear pink	.10	20
Hon. Mrs. E. Kenyon, the best yellow	.10	.25
Janet Scott a beautiful pink	.25	.75
Kath Tracy, a good pink	.10	.25
King Edward VII, crimson scar't	.25	.75
Lady Grisel Hamilton, clear lav.	.10	.30
Lovely, shell pink	.10	.25
Miss Willmott, rich orange pink	.10	.30
Mont Blanc very early white	.10	.25
Navy Blue, deep violet blue	.10	.20
Prima Donna, fine deep pink	.10	.25
Prince of Wales rich rose	.10	.25
Salopian, rich scarlet	.10	.25
Peerless Mixture, finest made	.10	.30



SEE OUR
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For Complete List of
Florists' Flower Seeds
Including Asters, Petunias, Pansies, Verbenas, Salvias, etc.

HENRY A. DREER, 714 Chestnut Street, Philadelphia, Pa.

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Dahlias, Pot Roots,

Awarded 10 Gold Medals in 1903 and 12 Gold Medals in 1904.

Awarded the Silver Medal by the International Jury at the St. Louis Exposition.

POT ROOTS FOR SHIPMENT AT ONCE Every section, including the popular CACTUS DAHLIAS at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 per 100. These are post free terms. Note this when comparing prices. **Terms cash with order.**

TEMPTING BARGAINS Those who prefer to have their goods through a forwarding house instead of by parcel post can be supplied in every section, including Cactus at $4.00, $5.00 and $6.00 per 100 in 25 sorts.

12 SEEDLING CACTUS DAHLIAS All 1903 sorts and certificated by the Dahlia Societies in England; post free for $2 50: Albion, Etna, Eva, Iceberg, John Gilpin, Mabel Tullock, Winsome, Amos Perry, Fred Cobbold, F. H. Chapman, Loogalu and Red Cap.

1904 SEEDLING CACTUS DAHLIAS A rare opportunity; only a few to offer at $1.25 each, post free in quantities of not less than 4 sorts. Dainty, Dorothy Vernon, Effective, Northern Star, Sweet Nell, Yellow Gem, F. M. Stredwick, Mrs. Brousson, Mrs. Wilkinson, Oliver Twist, Hereward, Comet Osprey, Sirius and Rainbow. One each of these 16 novelties post free for $16.00. **Terms cash with order.**

HOBBIES LIMITED Catalogue free of charge. **NORFOLK NURSERIES** **DEREHAM, ENG.**

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Decorative Plants.

Rutherford, N. J.

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ROOTED COLEUS CUTTINGS

Verschaffeltii, Golden Queen, Lord Palmerston Fire Brand, Beckwith's Gem, Queen Victoria and Fancies, 60c per 100; $5.00 per 1000.

Golden Bedder, (original), **and Hero, 75c per 100; $6.00 per 1000.**

A discount of 10 per cent allowed on 10,000 or more Coleus. More liberal discounts on larger orders.

AGERATUM—Princess Pauline and Stella Gurney.

SALVIA—Splendens and Jean Revenal. Rooted cuttings 75c per 100; $6.00 per 1000.

VINCAS—Variegata, 3-inch pots, $5.00 per 100.

FRANK A. PIERSON, Cromwell, Conn.

Mention The Review when you write.

A COIL BOILER.

I am thinking of building a boiler of 1-inch wrought pipe, to heat 2,000 square feet of glass, 1,500 feet in carnations and lettuce and 500 feet in roses, also three rooms in the dwelling house, average size 10x12. How many lineal feet of pipe will I need, arranged in horizontal coils? How large a grate area will be required and how large and tall a smokestack? I use soft coal and hot water for heating. What provision can I make for cleaning such a boiler? The houses are all new and tight and not much exposed. Is there a book published treating on the above?

C. L. W.

A boiler constructed as shown in the Review of December 31, 1903, p. 269, in order to heat the house you have, should contain 140 feet of 1-inch pipe exposed to the action of the heated gases of the furnace. Such a furnace will contain only about fifty feet of heating surface. The size of the grate will depend somewhat upon the arrangement of the pipes in the furnace. The more compact the coils the smaller the grate can be made. By making the top of the furnace of cast-iron plates covered with sand they can be removed when it is necessary to clean the water tubes. I know of no book which will aid you in the construction of such boiler.

L. C. C.

SOOT IN FLUES.

I have two houses 18x60 heated with a horizontal boiler with thirty 2-inch flues and have trouble with soot in the flues except where using wood with my soft coal, but wood is expensive. What is the most economical fuel to use, or should I get a boiler with larger flues?

W. N. T.

The trouble with the heating plant is evidently poor draught in the chimney. If the stack were larger or higher and the fire coaled very lightly and more frequently it is probable that less trouble would be experienced. The flues should be cleaned every twenty-four hours, however, when using soft coal. If after trying the plan of light, level, "pancake" firing no better results follow, secure buckwheat or pea coal and try it. Plants which act badly with soft coal frequently give good results when fired with hard coal. L. C. C.

DRAFT IN FLUES.

Referring to the inquiry of T. F., who is having trouble with the draft in his flue heating a house fifty feet long, if he will put a small stove where his flue turns into the chimney and starts to go straight up, keeping a wood fire in it, he will find his draught much improved. A very small stove will do the work by heating the air in the flue and thereby creating a draught. W. N. Thorp.

Shenandoah, Ia.—The past year has been a very prosperous one for the trade here and many improvements have been made. Since the holidays trade has held up better than usual and good prices have been realized for cut flowers. Lately the weather has been very severe, adding greatly to the work. O. B. Stevens is preparing for a big business on dahlias, cannas and gladioli, which have been leading specialties with him.

HIBISCUS REGIA MAXIMA, PEACH BLOW, CARMINATUS PERFECTUS

Healthy, well established plants, in 3-inch pots, 75c per doz.: $6.00 per 100.

FARFUGIUM GRANDE

We still have a few hundred left. Fine plants in 4-inch pots, well colored, at $15.00 per 100.

BOSTON and PIERSONI FERNS

We desire to repeat our offer on a limited quantity of rooted runners on these two varieties. Prices, $2.00 per 100; $18.00 per 1000. 250 at 1000 rate. Terms Cash.

Michel Plant and Bulb Co., St. Louis, Mo.

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SHAMROCK

Irish. Grown from cuttings. Very strong and fine. None better offered. Will be just right for St. Patrick's day. Don't wait until all are sold. $4.00 per 100, or 60c doz., by mail.

XXX SEEDS.

Phlox Pumila Compacta. Very dwarf and compact; grand for pots; in finest colors, mixed. Trade pkt., 25c.

Alyssum Compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots. Trade pkt., 25c.

Chinese Primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.

Pansy, Finest Giants. The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c.

Petunia. New star, from the finest marked flowers, extra choice. Trade pkt., 25c.

Cash. Liberal extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.
THE HOME OF PRIMROSES.

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We want room and for every order you send the Cash with before March 1, 1905, you may deduct 10 per cent on the following Ferns. **Satisfaction Guaranteed.**

Boston Ferns

We quote Fine No. 1 Stock We want to call your attention to our prices on Ferns. Finest stock. We would like a trial order and will guarantee to please you. **Boston,** per 100—2½-in., $4; 3-in., $8; 4-in., $15; 5-in., $25; 6-in., $40. Each—8-in., $1 to $1.50; 10-in., $1 50 to $2.50. **Piersoni,** per 100—2½-in., $5; 3-in., $12 50; 4-in., $20; 4-in., $35. Each—6-in., 75c to $1; specimen plants, $1.50, $2.50, $3 50 and $5. **FINE ASPARAGUS—Plumosus,** per 100—2-in., $3.50 to $5; 3-in., $5 to $8; 4-in., $15; 5-in., $25. **Sprengeri,** per 100—2-in., $2 50 to $3.50; 3-in., $3.30 to $5; 4-in., $10; 5-in., $25.

In sending for samples of any stock you want to buy, send 50c or $1 00; then you get enough to show you the quality of stock.

GEO. A. KUHL, PEKIN, ILL.

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For Sale, Greenhouse Material

milled strictly of Louisiana Cypress. And will cut and splice to order. Hotbed sash a specialty. Try V. E. Reich's Oxford Putty specially made for greenhouse purposes. Estimates freely furnished for greenhouse and hotbed glass.

V. E. REICH, 1429 Metropolitan Ave. **Brooklyn, N. Y.**

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BENCHES
NIAGARA CEMENT & CONCRETE CO.
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IMPORTED JAPANESE
POMPON CHRYSANTHEMUMS
ROOTED CUTTINGS

Having secured the Japanese exhibit of Pompon Chrysanthemums at the World's Fair, we have the following colors to offer:

Flowers from 1 to 2½ in. across; White; White with Lavender Edge; Yellow; Yellow with White Edge; Yellow with Bronze Edge; Lavender, Dark; Lavender, Light; Red; Red Hairy Petals, and Bronze, at $3.00 per 100. Cash with order.

Bentzen Floral Co., St. Louis, Mo.

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PANSY PLANTS

	Per 100.
Large Flowering, $2.50 per 1000	$0.60
Asparagus Plumosus Nanus, small plant	1.75
10 Varieties Geraniums, 2 and 2½-inch pots	3.00
Alternantheras, red and yellow, March 1	2.00
10 Varieties Coleus, 2-inch pots, March 1	2.00

—— CASH ——

JOS. H. CUNNINGHAM, Delaware, O.

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NEW PRICE LIST ON
Pyramid **KAISER KRONEN** Standard
Bay Trees
Orders booked now.
JULIUS ROEHRS CO. Exotic Nurseries, Rutherford, N. J.

Mention The Review when you write.

...PANSIES...

London Prize Show Flowers, exquisite colors, large transplanted plants from cool houses, 50c per 100 by mail; $3.00 per 1000 by express.

Oboonica—3-inch	per 100,	$3.00
" 4-inch	"	5.00
Asparagus Sprengeri—4-inch.	"	5.00
" **Plumosus**—4-inch.	"	6.00

C. WHITTON, - UTICA, N. Y.

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	Per 100
RUDBECKIA Extra choice, large clumps	$5.00
ASPARAGUS SPRENGERI, Extra quality, 2½-in. pots	2.00
ASPARAGUS PLUMOSUS, Extra quality, 2½-in. pots	2.50
ASPARAGUS PLUMOSUS, Extra quality, 3-in. pots	4.00

Above prices cash with order.

JOHN BROD, Niles Center, Illinois

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FEVERFEW

—FOR—

Decoration Day

Fine stuff in 2-inch pots,

$3 per 100. Cash with order.

S. J. GODDARD

FRAMINGHAM, MASS.

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IVY LEAVED GERANIUMS

Now is the right time to **repot** this useful type for **spring sales.** The following varieties are among the best of their color;

LA ROSIERE, delicate rose pink.

FLOURENS, bright rose.

JEANNE D'ARC, the best white.

Strong, healthy plants, from 2¼-in. pots, $3.00 per 100.

Our 1905 Wholesale Catalogue of Chrysanthemums and other Tender and Hardy Plants has been mailed. If not received, drop us a postal. It contains many Bargains.

Nathan Smith & Son, Adrian, Mich.

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CHRYSANTHEMUMS

ROOTED CUTTINGS NOW READY.

A Few of Our Leaders:

Wm. Duckham, Ben Wells, F. A. Cobbold, Leila Filkins, $3.00 per 100; Dr. Enguehard, $4.00 per 100; Mrs. Thirkell, $2.00 per 100.

Send for complete list. No order filled for less than $1.00.

W. A. CHALFANT, Springfield, Mo.

25000 **Ten Weeks STOCKS.** White Cut and Come Again and Blood Red, transplanted plants with 6 to 8 leaves, 75c per 100; $7.00 per 1000. **Rooted Cuttings**—Heliotropes, 75c per 100; $7.00 per 1000. Coleus, 10 varieties; 65c per 100; $6.00 per 1000. Vinca Var., $1.00 per 100; $8.00 per 1000. Feverfew, 75c per 100; $7.00 per 1000. Marguerites, yellow and white, 75c per 100; $7.00 per 1000. Alyssum, 75c per 100. Alternantheras, red and yellow, fine plants, will make 10 or more cuttings to the plant, at $3.00 per 100. Cash please.

Converse Greenhouses, Webster, Mass.

100,000 Alternantheras

RED AND YELLOW

Strong rooted cuttings, 50c. per 100 or $4.00 per 1000; in lots of 5000 or over, $3.50 per 1000.

DAVIS BROS., Morrison, Illinois

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LORRAINE BEGONIAS

Fine thrifty stock from 2-inch pots. June and July delivery, from leaf cuttings, only $12.00 per 100. Order now.

AUG. JABLONSKY, WELLSTON, ST. LOUIS, MO.

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Wired Toothpicks

Manufactured by

W. J. COWEE, BERLIN, N. Y.

10,000....$1.50; 50,000... $6.25. Sample free.

For sale by dealers.

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GERANIUMS

Good strong, healthy plants, from 2¼-in. pots, 40c per dozen; $2.00 per 100; $17.50 per 1000, provided that not less than 200 of any one variety are ordered.

DOUBLES—Bruanti, Centaure, Comtesse de Harcourt, Double Gen. Grant, Gloire de France Jean Viaud, La Favorite, Le Cid, Mme. Canovas, Mme. Charotte, Mme. Jaulin, Mme. Landry, Miss Kendell, Miss Frances Perkins. **SINGLES**—Granville, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Single Gen. Grant.

Rose, Lemon, Mrs. Taylor and Fernifolia, Odorata, $2.00 per 100.

Greenhouse Plants

2¼ in stock; not less than 5 of any one variety sold.

	Per 100	1000
Abutilon Savitzii	$2.00	
Ageratums, dwarf white and Stella Gurney, 40c per doz	2.00	
Alternanthera, red and yellow, in variety	2.00	$15.00
Alyssum, dwarf and giant double, 40c per doz	2.00	
Aquilegia (Columbine), single mixed	3.00	
Cannas, 10 varieties, 3-in	4.00	
Carnations, dwarf hardy, mixed	1.50	
" Marguerite	1.50	
Coleus, good varieties	2.00	15.00
Cuphea (Cigar plant)	2.00	
Delphinium formosum	1.50	
Ficus Elastica, rubber plant		
Fuchsias, Black Prince, Minnesota,	2.00	
Gaillardia Grandiflora	3.00	
Hardy Chrysanthemums, large flowering varieties	3.00	
Our collection of Hardy Chrysanthemums was awarded the diploma at New York by the American Institute.		
Hardy Chrysanthemums, small flowering varieties	2.00	
Hardy English Ivy	2.00	15.00
Heliotrope, good varieties	2.00	
" Chieftain, a fine variety, 40c per doz	2.00	17.50
Hibiscus, 3 varieties	$3.00	
Hollyhock, double white and mixed, 3 in. pots	3.00	
Holt's Mammoth Sage	2.00	$15.00
Lemon Verbena	2.50	17.50
Lantanas, 10 varieties	2.00	17.50
Lobelia, Crystal Palace, dwarf, 40c doz.	2.00	
Maranta Massangeana	4.00	
Moonvines, white and blue, 50c doz.	3.00	
Pansies, mixed, fine	1.50	
Petunias, double, mixed	2.50	
" Dreer's Superb Single, mxd	2.00	
" mixed, fine	1.50	
" 5 named varieties	3.00	
Phlox, hardy, 10 named varieties	3.00	
Salvia, in variety	2.00	17.50
Smilax, strong	2.00	15.00
Stevia, variegated	2.00	
Swainsona Alba and Rosea	2.00	17.50
Sweet William, double, mixed	3.00	
Verbenas, white, purple, scarlet	2.00	

Write us for special price on large lots of anything in this list.

DAHLIA ROOTS.

Good selection of standard varieties, $5.00 per 100; $40.00 per 1000. Mixed $4.00 per 100: $35.00 per 1000. Send for list.

CASH WITH ORDER.

A cordial invitation is extended to our customers, and the trade in general, to visit us and inspect our place.

R. Vincent, Jr. & Son, White Marsh, Md.

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50,000 FINE ASPARAGUS PLUMOSUS NANUS

	Per 100	Per 1000
ASPARAGUS PLUMOSUS NANUS, 2½-inch,	$2.00	$15.00
ASPARAGUS PLUMOSUS NANUS, 3½-inch,	3.50	30.00

Express Prepaid at above Prices—CASH

WM. LINFOOT, 317 N. Vermilion St. DANVILLE, ILL.

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Bedding Plants

Cash with order.

	Per 100 2¼-in. Exp.	Per 100 R. C. Mail	Per 1000
Ageratums		$0.60	
50,000 Alternantheras, red, yellow, R. C.	$ 5.00	$15.00	.65
Alyssum, double sweet		2.00	1.00
Boston Ferns, 5-inch	25 cts.,	3.00	
Coleus, in variety			.60
Feverfew, Little Gem	15.00	2.00	1.00
Forget-me-nots		2.00	1.00
Fuchsia, 6 named varieties		2.50	1.25
25,000 Geraniums, Nutt and 20 other varieties		2.50	1.50
15,000 Geraniums, Mme. Salleroi.		2.00	1.00
Petunias, double fringed, white.		2.50	1.50
Pansies, Florists' International, in bud and bloom	15.00		2.00
Salvia, 4 named varieties		2.00	1.00
Verbenas, in colors from flats			.60

LUDVIG MOSBAEK, Onarga, Ill.

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For BLOOMING LILIES

6 to 12 buds and Flowers, just ready to ship, 12½c (a bud.

CINERARIAS, 6-in., at 25c.

PRIMULA OBCONICA, extra fine, 4-in. at 20c.

PRIMROSES, 4-in. at 20c.

Paper Whites, Romans and Tulips, ready to put in, 6-in. pots for 25c each half dozen. Write

Also **GEO. A. KUHL, PEKIN, ILL.**

Cut Roses, Lilies, Carnations, Paper Whites, Romans, Jonquils, Tulips and Daffodils.

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Clean, strong stock, well rooted Cuttings of the following varieties.

	Per 100	1000
COLEUS, in ten best sorts	$.60	$5.00
FUCHSIAS, single and double, mixed in ten varieties	1.00	
HELIOTROPES, light and dark	1.00	8.00
SALVIAS. tall and dwarf	1.00	8.00
CUPHEA, (Cigar Plant)	.60	5.00
WATER IVY	.60	5.00
LEMON VERBENAS	1.00	
LANTANAS	1.00	
AGERATUM, Stella Gurney	.60	5.00
LOBELIA, fancy blue, the best for edging	.60	5.00
SWEET ALYSSUM, giant, double	.60	
PALMS, extra fine stock Latania Borbonica, 2½-in. pots, ready for shifting	4.00	35.00
GERANIUMS, Mme. Salleroi	1.00	8.00

Cash, please. Satisfaction guaranteed on all orders. No order filled for less than $1.00.

CRITCHELL'S, AVONDALE, CINCINNATI, OHIO.

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CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii, 2¼-in. pots, $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

ADIANTUMS.

Adiantum, a good sort for cut fronds and fern dishes, 2½-in., 3c; 3-in., 5c; 4-in., 8c. Fine stock. A. E. Wohlert, Bala, Phila., Pa.

AGERATUMS.

Ageratum Stella Gurney; rooted cuttings, 60c 100; $5.00 1000. Cash, please. No orders filled for less than $1.00.
Critchell's, Avondale, Cincinnati, Ohio.

Ageratums Princess Pauline and Stella Gurney, rooted cuttings, 75c 100; $6.00 1000.
Frank A. Pierson, Cromwell, Conn.

Ageratum rooted cuttings, 4 var., 60c 100; $5.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Ageratum, dwarf white and blue; R. C., 75c 100; 2-in., $2.00 100. Cash.
D. W. Brainard, Thompsonville, Conn.

Ageratums, Stella Gurney and dwarf white, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Princess Pauline, rooted cuttings, 50c 100; prepaid. Hopkins & Hopkins, Chepachet, R. I.

Rooted cuttings of ageratums, dwf. blue, 60c 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

For ageratum rooted cuttings or 2-in., write
Geo. A. Kuhl, Pekin, Ill.

ALTERNANTHERAS.

Alternantheras, well-rooted, bushy plants. Red, yellow, and rosea, 50c per 100, $4.00 per 1000; 2000 for $7.00. Cash.
C. G. Nanz, Owensboro, Ky.

Alternantheras, red and yellow; strong rooted cuttings, 50c 100; $4.00 1000; in lots of 5000 or over, $3.50 1000.
Davis Bros., Morrison, Ill.

Alternantheras, red and yellow, fine plants, will make 10 or more cuttings, $3.00 100. Cash. Converse Greenhouses, Webster, Mass.

Alternantheras, red and yellow, propagated last fall, as good as from 2-in. pots, $1.00 per 100. Cash. N. P. Colberg, Morris, Ill.

Alternantheras, red and yellow; strong, R. C. 50c per 100, $4.50 per 1000. Cash.
Byer Bros., Chambersburg, Pa.

Alternantheras, red and yellow, in variety, 2¼-in., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow, ready March 1, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, Ohio.

Alternanthera rooted cuttings or 2-in. Write
Geo. A. Kuhl, Pekin, Ill.

Brilliantissima, 75c doz.; $4.00 100.
C. Winterich, Defiance, O.

ALYSSUM.

Sweet alyssum Double Giant, the result of 20 yrs. selection; the best ever seen; rooted cuttings, strong, $1.50 per 100. Cash.
N. P. Colberg, Morris, Ill.

Sweet alyssum, giant double; rooted cuttings, 60c 100. Cash, please. No orders filled for less than $1.00.
Critchell's, Avondale, Cincinnati, Ohio.

Giant alyssum rooted cuttings, $1.00 100; $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Alyssum, dwarf and giant double, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Alyssum Giant, 2-in., 2c; R. C., ¾c, mail. Cash. Byer Floral Co., Shippensburg, Pa.

Sweet alyssum rooted cuttings or 2-in. Write
Geo. A. Kuhl, Pekin, Ill.

ANTIRRHINUM.

Antirrhinum SNAPDRAGON, giant pink, white and yellow. Write us about it.
John Breitmeyer's Sons, Detroit, Mich.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100.
F. LUDEMANN, 3041 Baker St., San Francisco, Cal.

ASPARAGUS.

Fine Asparagus plumosus. Per 100: 2-in., $3.50 to $5.00; 3-in., $5.00 to $8.00; 4-in., $15.00; 5-in., $25.00. Sprengeri. Per 100: 2-in, $2.50 to $3.50; 3-in., $3.30 to $5.00; 4-in., $10.00; 5-in., $25.00. 10% from above prices where cash is with the order.
Geo. A. Kuhl, Pekin, Ill.

For sale cheap, 400 4-year-old Asparagus plumosus nanus roots; have them on side table, no head-room to grow strings; will sell for $8.00 per 100. Terms: Cash with order.
H. P. Owen, Central Valley Greenhouses, Toughkenamon, Chester Co., Pa.

Asparagus plumosus nanus. To close out will sell the 2½-in. for $2.25 per 100; 3-in., $3.50 per 100. These are extra value; must clean them out to make room.
W. A. Wettlin, Horseheadsville, N. Y.

Asparagus plumosus nanus, strong, 3-in., from bench, $3.00 per 100; $25.00 per 1000. Cash. Prepaid.
Golden State Plant & Floral Co., Santa Monica, Cal.

Asparagus plumosus nanus, 2-in., $3.00 100; 3-in., $1.00 doz., $7.00 100. Sprengeri, 2-in., $2.00 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Asparagus plumosus, very strong, 4-in., $10.00 100, fine stuff, ready to retail at 25c each. Sprengeri, 4-in., choice, $8.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus Sprengeri, extra quality, 2½-in., $2.00 100. A. plumosus, extra quality, 2¼-in., $2.50 100; 3-in., $4.00.
John Brod, Niles Center, Ill.

Asparagus plumosus, 2¼-in., $2.50; 3-in., $4.00. Sprengeri, 2¼-in., $2.00. Fine and pot-bound ready to shift.
S. M. Harbison, Danville, Ky.

50,000 fine Asparagus plumosus nanus, 2½-in., $2.00 100, $15.00 1000; 3½-in., $3.50 100, $30.00 1000. Express prepaid.
Wm. Linfoot, No. Vermilion, Danville, Ill.

Asparagus plumosus, 2000 2½-in., $3.00 100; $25.00 1000. Plumosus seed, home-grown, 60c 100; $5.00 1000. Faber Bros., Kankakee, Ill.

Asparagus Sprengeri, strong 2½-in., $1.75 per 100, $15.00 1000. Strong 4-in., $6.00 per 100. J. Palmer Gordon, Ashland, Va.

Asparagus plumosus nanus, flats, ready for 3-in., $2.00 100; 3-in., $3.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus, 3-in., $6.00 per 100. A. Sprengeri, 4-in., $10.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

A. plumosus nanus, No. 1, 3-in., very fine, 4c; Sprengeri, 2-in., 1¾c. Cash.
Byer Bros., Chambersburg, Pa.

Asparagus Sprengeri, strong, ready to shift, 2-in., $2.00 100; $18.00 1000.
Dean Ferris, Peekskill, N. Y.

Asparagus plumosus, fine plants, ready for 3-in. pots, $2.50 100.
The Nunnally Co., Atlanta, Ga.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

2000 Asparagus plumosus, 3-in., strong, $5.00 per 100. Maurice J. Brinton, Christiana, Pa.

Asparagus Sprengeri, 4-in., $5.00 100. Plumosus, 4-in., $6.00 100. C. Whitton, Utica, N. Y.

Asparagus plumosus nanus, small plants, $1.75 100. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Plumosus and Sprengeri, 2-in., $2.00 100.
Iowa Seed Co., Des Moines, Iowa.

Asparagus Sprengeri, fine, 2½-in., $2.00 100.
A. J. Baldwin, Newark, Ohio.

AZALEAS.

Azalea mollis, extra fine, $35.00 100; standards, $75.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

BAY TREES.

New price list on pyramid, Kaiser Kronen, and standard bay trees. Orders booked now.
Julius Roehrs Co., Rutherford, N. J.

BEGONIAS.

Begonia Louis Closson, 2½-in., $3.50 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Begonia rooted cuttings or 2-in. Write
Geo. A. Kuhl, Pekin, Ill.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Lorraine begonias, fine thrifty stock from 2-in. pots, June and July delivery, $12.00 100. Order now.
A. Jablonsky, Wellston, St. Louis, Mo.

Tuberous begonias—30 bulbs for $1.00, postpaid. See offer in Feb. 9 issue.
N. Le Page, Mt. Vernon, N. Y.

Begonia Louise Erdody, strong, $6.00 100.
Iowa Seed Co., Des Moines, Iowa.

BOX TREES.

Dwarf box, 7 to 9 inches high, $6.00 to $8.00 per 100. Nicely shaped stock.
Joel Thomas, Florist, Fitzgerald, Ga.

BULBS.

BULBS and ROOTS.
Gladioli, a million bulbs, 50c per 1000 and upwards; choice named sorts, $6.00 to $20.00 per 1000; Groff's hybrids, $1.00 to $10.00 per 1000; Childsii, Lemoine's hybrids, etc.
Single tiger lily, $20.00 per 1000. Iris Kaempferi, 40 choice sorts, $5.00 per 100. Hardy moon-vine, $3.00 per 100. Spiraea lobata, $3.00 per 100. Ismene calathina, $1.50 to $5.00 per 100. Madeira vine, $3.00 to $8.00 per 1000. Complete price list now ready.
E. Y. TEAS, Centerville, Ind.

Bulbs for early planting. Begonias, cannas, dahlias, gladioli, gloxinias, tuberoses. We have a complete stock and all is of the best.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Freesias. Grand Duchess Oxalis, Bermuda Buttercup and other flowering bulbs. Write for catalogue.
Rees & Compere, Long Beach, Cal.

All spring bulbs now ready. Our bulbs are always reliable. Wholesale catalogue for the asking.
Arthur T. Boddington, 342 West 14th St., N. Y.

If you want fine Mexican bulbs, see adv. under the heading of Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

Calsdium esculentum, extra fine, 10 to 12-in., $8.00 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Dwarf Pearl and variegated tuberoses, Caladium esculentums, all sizes. Write us.
The H. E. Newbury Co., Magnolia, N. C.

Excelsior dwarf double Pearl tuberoses, 4 to 6 inches, 85c 100; $7.50 1000.
Johnson & Stokes, 217-219 Market St., Phila.

Fancy-leaved caladium bulbs, price 75c per dozen. Albert Buckwell, Woodbridge, Fla.

D. Rusconi, importer of bulbs, plants and shrubbery, 32 West 6th St., Cincinnati, O.

CACTI.

If you want fine CACTI see adv. under heading Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

CANNAS.

Cannas. Burbank's Yellow, Crozy, Henderson, Florence Vaughan, Bronze Leaved, very strong, 1, 2 and 3 eyes, $1.00 per 100. Cash.
N. P. Colberg, Morris, Ill.

50,000 cannas, Austria, Italia, Crozy, Marquant, Henderson, at $9.00 per 1000, strong 2 and 3-eye roots. Cash with order, please.
Geo. Just, Jacksonville, Fla.

Cannas, 25,000, all good sorts. Send for names and prices. I will give you a bargain in 1000 lots. C. G. Nanz, Owensboro, Ky.

Cannas. Henderson, $2.00 100; $18.00 1000; Austria, $1.50 100; $14.00 1000. Cash, please.
Valley Greenhouse Co., Sewickley, Pa.

Austria cannas, 5000 extra fine, large bulbs, $20.00 1000; $2.50 100. Cash with order.
Frank Cummings, Meridian, Miss.

Cannas, extra fine, plump bulbs, fine varieties, $1.25 100; $10.00 1000.
A. J. Baldwin, Newark, Ohio.

Cannas, 10 varieties, 3-in. pots, $4.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

CARNATIONS.

Rooted cuttings of White Lawson carnation, $6.00; Mrs. Lawson, $2.50; Enchantress, $3.00; Boston Market, $2.00 per 100. Ready now.
Richard Kimball, Waban, Mass.

Rooted cuttings of Enchantress and Fairmaid, from sand, $3.00 100, $25.00 1000. Same varieties from pots, $3.50 100, $30.00 1000. Cash with order. J. W. Foote, Malden, Mass.

PLEASE MENTION THE REVIEW WHEN WRITING ANY OF THESE ADVERTISERS.

ROOTED CARNATION CUTTINGS.

	100	1000		100	1000
Variegated			White		
Prosperity	$2.50	$20	May Naylor	$2.50	$20
Mrs. Patten	6.00	..	Queen	2.50	20
Hinsdale	4.00	..	Q. Louise	2.00	15
Crimson			Wolcott	2.00	15
Harlowarden	2.50	20	B. Market	2.00	15
Octoroon	4.00	..	Pink		
H. Fenn	2.50	20	Enchantress	3.50	30
Scarlet			Lawson	2.00	15
Flamingo	6.00	..	Fairmaid	2.00	15
Gov. Bliss	2.50	20	N. Fisher	6.00	..
Crane	2.00	15			

Pot-grown carnations, 2-in. stock. Lawson, Queen Louise, Prosperity, $4.00 100, $30.00 1000; Harlowarden, $5.00 100, $40.00 1000; Enchantress, $6.00 100, $50.00 1000.
S. S. Pennock, Philadelphia, Pa.

Rooted carnation cuttings, clean and healthy.

	100	1000		100	1000
Crisis	$12.00	$100	Dorothy	$1.25	$10
Enchantress	3.00	25	Wm. Scott	1.25	10
Mrs. Lawson	2.00	15	Q. Louise	1.25	10
Adonis	2.50	20	Floriana	1.25	10
H. Fenn	2.00	15	Lorna	1.25	10
Roosevelt	1.50	12	Eldorado	1.25	10
Mrs. Palmer	1.25	10	Mrs. Joost	1.25	10
The Queen	2.50	20	Flora Hill	1.25	10
Mrs. Nelson	1.50	12	Portia	1.25	10
White Cloud	1.50	12	Mrs. Patten	6.00	..
J. Hinsdale	4.00	..	Flamingo	6 00	..
L. Bountiful	5.00	..	D. Whitney	3.00	..
G. Beauty	3.00	..	Buttercup	3.00	..
Prosperity	2.00	..	Mrs. Manley	2.50	..

J. L. Dillon, Bloomsburg, Pa.

Carnation rooted cuttings, ready now. Clean, healthy stock, well rooted.

Red	100	1000	Light pink	100	1000
Crusader	$5.00	$45.00	G. B'uty.	$12.00	$100.00
Estelle	1.50	12.50	Enc'tress.	3.00	25.00
Mrs. Ine	1.50	12.50	H'nboth'm	1.00	9.00
Flamingo	5.50	45.00	White		
Pink			B. Market	2.50	20.00
Lawson	1.50	12.50	Peru	1.00	9.00
Nelson	1.50	12.50	W. Cloud.	1.50	12.50
G. Angel	1.00	9.00	Q. Louise.	1.00	9.00
Mrs. Joost.	1.25	10.00	F. Hill	1.00	9.00
G. Lord	1.25	10.00	Variegated		
N. Fisher.	6.50	55.00	Patten	5.50	45.00

Geo. Reinberg, 51 Wabash Ave., Chicago.

Rooted carnation cuttings.

	100	1000		100	1000
L. Bountiful	$6.00	$50	Nelson	$3.00	$25.00
The Belle	6.00	50	H. Fenn	2.50	20.00
N. Fisher	6.00	50	G. Wolcott	2.50	20.00
Flamingo	6.00	50	Adonis	2.50	20.00
Mrs. Patten	6.00	50	Lawson	2.00	17.50
Enchantress	3.50	30	Fair Maid	2.00	17.50
Prosperity	3.00	25	W. Cloud	1.50	12.50
Manley	3.00	25	M. Glory	1.50	12.50
B. Market	3.00	25	Joost	1.25	10.00
Triumph	1.25	10			

500 at 1000 rate.
W. J. & M. S. Vesey, Fort Wayne, Ind.

ROOTED CARNATION CUTTINGS.

	100	1000		100	1000
Flamingo	$6.00	$50.00	Lawson	$1.50	$12.50
The Belle	5.00	45.00	M. Glory	1.50	12.50
Crusader	5.00	45.00	H'inbotham	1.00	9.00
Indian'polis	5.00	45.00	Hill	1.00	9.00
Ench'tress	3.00	25.00	Q. Louise	1.00	9.00
B. Market	2.50	20.00	Peru	1.00	9.00
Nelson	1.50	12.50	G. Angel	1.00	9.00
Joost	1.50	12.50	Adonis	2.50	20.00

RICHMOND GEM, $10.00 100; $75.00 1000.
All cuttings sold under condition that if not satisfactory they may be returned.
P. REINBERG, 51 Wabash Ave., Chicago.

Rooted carnation cuttings now ready.

	100	1000		100	1000
Ethel Ward	$7	$60	The President	$7	$60
White Lawson	7	60	Enchantress	4	30
Christmas Eve	4	30	Golden Eagle	5	40
Harry Fenn	3	25	Lawson	3	25
Prosperity	2	15	Mackinac	6	50
The Belle	6	50	Lady Bountiful	6	50
Judge Hinsdale	6	50	Mrs. Patten	6	50
N. Fisher	6	50	Octoroon	6	50
Flamingo	6	50			

50 of a kind at 100 rate; 250 of a kind at 1000 rate.
Cottage Gardens Co., Inc., Queens, N. Y.

ROOTED CARNATION CUTTINGS.

	Per 100		Per 100
Fair Maid	$2.50	Harry Fenn	$2.50
Alpine Glow	2.00	Challenger	2.50
Queen Louise	2.00	Frances Joost	1.50
Flora Hill	2.50	For Summer:	
Prosperity	2.50	Mrs. Fisher	1.00
Gov. Wolcott	2.50	Wm. Scott	1.50

The above named standard varieties are all well rooted and obtained from strictly healthy stock only. Satisfaction guaranteed.
Hansen & Lundsted, Passaic, N. J.

RED SPORT, the new bread and butter commercial red carnation, now in its fourth year, has the hardy constitution of Gen. Maceo, with a stronger, heavier growth, longer and stiffer stem and a larger flower. It will keep longer and travel farther than any other red carnation. Price: 12 for $1.50, 25 for $2.50, 50 for $4.00, all postpaid; $6.00 per 100, $50.00 per 1000, by express.
We guarantee all cuttings to be well rooted and to arrive in good condition.
A. B. DAVIS & SON, Purcellville, Va.

Rooted carnation cuttings of Lawson, $2.00 per 100; Lorna, Harlowarden, $1.50 per 100.
Alameda Greenhouse, Roswell, N. Mex.

WHITE LAWSON, which we introduced last year, has given great satisfaction and has proved to be the finest WHITE CARNATION ever sent out. Remember that we are headquarters for it. We are now booking orders for early delivery, at $7.00 100; $60.00 1000 for first-class, strong rooted cuttings.
We have all the other novelties of the season—Fiancee, Cardinal, Fred Burki, etc., also the cream of the older sorts—Mrs. Patten, Daheim, Enchantress, Flamingo, Mrs. Lawson, etc.
F. R. PIERSON CO., Tarrytown, New York.

The new scarlet seedling ROBERT CRAIG, the ideal Christmas carnation. Prices: $2.50 doz., $12.00 100, $100.00 1000. 2500 lots, $95.00 1000; 5000 lots, $90.00 1000; 10,000 lots or more, $80.00 1000. First delivery, Dec. 1, 1905.
The new white seedling LIEUT. PEARY, commences blooming Oct. 15 and flowers continuously through the winter. A first-class commercial variety in every respect. Prices: $12.00 100; $100.00 1000.
Send orders early to
Cottage Gardens Co., Inc., Queens, N. Y.

ROOTED CARNATION CUTTINGS.
All orders filled in rotation.

	100		100
Mrs. Patten, var.	$6.00	Queen, white	$2.50
White Lawson	5.00	B. Market, white.	3.00
Albatross, white	5.00	Queen Louise	2.00
Flamingo, scarlet.	6.00	Lawson	2.00
Enchantress	3.00	Manley, scarlet	2.00
Challenger	2.00		

Write for prices on large lots; 5 per cent discount for cash with order.
James D. Cockcroft, Northport, L. I., N. Y.

Here are three good carnations. FLAMBEAU, a most satisfactory scarlet; INDIANA MARKET, a free blooming white, and BEATRICE, the freest blooming and most profitable light pink on the market. These three are not giant, fancy, shy-blooming exhibition varieties, but are every-day bread and butter sorts and are just what you should have. Price: $10.00 100; $80.00 1000.
Send for our price list of the cream of last year's novelties and of the standards.
BAUR & SMITH, 38th St., Indianapolis, Ind.

Rooted carnation cuttings, healthy stock.

	100	1000		100	1000
N. Fisher	$5.00	$45	Mrs. Nelson	$5.00	$45
Flamingo	5.00	45	L. Bountiful	5.00	45
Mrs. Patten	5.00	45	B. Market	2.50	20
Harry Fenn	2.50	20	Queen	2.50	20
Wolcott	2.50	20	Glacier	1.00	9
Gomez	1.00	9	Floriana	1.00	9
Cervera	1.00	9			

Cash with order, please.
Hugo Book, Worcester, Mass.

Carnations rooted cutting now ready. Strong, healthy plants.

	100	1000		100	1000
Wolcott	$1.50	$12.50	W. Cloud	$1.50	$12.50
Norway	1.50	12.50	Mrs. Lawson	1.50	12.50
M. Glory	1.50	12.50	Joost	1.50	12.50
Crusader	5.00	40.00	Enchant	3.00	25.00
Crane	1.50	12.50	America	1.50	12.50
Estelle	3.00	25.00	Gaiety	2.00	15.00
Prosperity	1.50	12.50	Flamingo	6.00	50.00

Bassett & Washburn, 76 Wabash Ave., Chicago.

A large stock of well-rooted carnation cuttings.

	100	1000		100	1000
Mrs. Lawson	$1.25	$10	Mrs. Ine	$1.50	$12
B. Market	2.00	15	Mrs. Nelson	1.50	12
Stella	2.00	15	Triumph	1.50	12
Harry Fenn	2.00	15	Flora Hill	1.00	9
Roosevelt	1.50	12	G. Angel	1.00	9
Estelle	2.50	20			

J. A. Budlong, 37 Randolph St., Chicago.

Rooted carnation cuttings.
RED LAWSON, sport from Mrs. Lawson, identical in every way except in color, which is a bright red. $10.00 per 100; $75.00 per 1000.

	100	1000		100	1000
Queen	$2.00	$15.00	Fairmaid	$1.50	$12.50
B. Market	1.50	12.50	Q. Louise	1.25	9.00

250 at 1000 rate.
Quidnick Greenhouses, J. H. Anthony, Prop., Anthony, P. O., R. I.

Richmond Gem, the finest scarlet on the market, $10.00 100; $40.00 500; $75.00 1000. Also

	100	1000		100	1000
Lawson	$1.50	$12.50	Joost	$1.25	10.00
Enchant	4.00	30.00	Marquis	1.25	10.00
B. Market	2.50	20.00	W. Cloud	1.50	12.50
Q. Louise	1.25	10.00	F. Hill	1.25	10.00
Prosperity	1.50	12.50	Estelle	2.00	15.00

W. C. Hill Floral Co., Strentor, Ill.

Rooted carnation cuttings. Per 100:

Red Lawson	$8.00	Flora Hill	$1.25
Mrs. Lawson	1.25	Queen Louise	1.25
Enchantress	2.50	Marquis	1.25
Nelson	1.50	Joost	1.00

Cash with order or C. O. D.
F. G. Lewis, 519 Locust St., Lockport, N. Y.

Rooted cuttings, per 100: Flamingo and Indianapolis, $5.00; Crusader, $6.00; Fairmaid, $1.75; B. Market, $2.00; Queen, $2.50; Enchantress, $3.00; Lawson, $1.35. B. Market and Fairmaid, unrooted, $1.00; for other varieties, write Otto Bourdy, Lowell, Mass.

Carnations. Harry Fenn, $2.00 per 100, $15.00 per 1000; Lawson and Q. Louise, $1.25 per 100, $10.00 per 1000; good, healthy rooted cuttings from 20,000 plants.
Hession, Clarkson St., near Utica Ave., Flatbush, Brooklyn, N. Y.

Rooted carnation cuttings ready now. Fine healthy stock. Orders booked for future delivery.

	100	1000		100	1000
W. Lawson	$7.00	$60	Enchantress	$3.50	$30
Bountiful	6.00	50	Flamingo	6.00	
Mrs. Patten	6.00	50	B. Market	2.50	20
N. Fisher	7.00	60	The Queen	2.50	20
Daheim	6.00	50	Mrs. Lawson	2.50	20

List of other varieties on application.
Wood Bros., Fishkill, N. Y.

Strong, well-rooted carnation cuttings.

	1000		1000
Enchantress	$30.00	Flamingo	$50.00
Adonis	25.00	Lord	10.00
Angel	10.00	Estelle	15.00
Lawson	10.00	Mrs. Patten	40.00
Gov. Wolcott	10.00	Bradt	10.00
Flora Hill	10.00	Peru	10.00
B. Market	20.00	Q. Louise	8.00

Cash or C. O. D.
Sol. Garland, Des Plaines, Ill.

Carnation cuttings, strong and well-rooted.

White.	100	1000	Pink.	100	1000
Queen	$2.50	$20	N. Fisher	$6.00	..
Queen Louise	2.00	15	Ethel Ward	4.00	..
B. Market	2.00	15	Enchantress	3.00	25
Variegated.			Lawson	2.00	15
J. Hinsdale	4.00	..	Fair Maid	2.00	15
Prosperity	2.00	15			
Crimson.					
Harlowarden	2.50	20			

S. J. Reuter, Westerly, R. I.

Rooted carnation cuttings from strictly first-class stock.

	100	1000		100	1000
Mrs. Patten	$6.00	$50	Queen	$2.50	$20
Flamingo	6.00	50	Fair Maid	2.50	20
Crusader	6.00	50	Harry Fenn	2.50	20
Enchantress	3.50	30	Manley	3.00	25

Express prepaid where cash accompanies the order. Satisfaction guaranteed.
GEO. E. BUXTON, Nashua, N. H.

Rooted carnation cuttings.

	100	1000		100	1000
Q. Louise	$1.50	$12.50	Lawson	$2.00	$15.00
F. Joost	1.50	12.50	B. Market	2.00	15.00
Challenger	1.50	12.50	Prosperity	2.00	15.00
Fairmaid	2.00	15.00	H. Fenn	2.50	20.00
H'low'rden	2.50	20.00	Enchant.	3.00	25.00
Mrs. Patten	5.00	45.00			

J. E. Beach, 2019 Park Ave., Bridgeport, Conn.

ROOTED CARNATION CUTTINGS.

	100	1000		100	1000
Lawson	$1.50	$12.50	G. Angel	$1.00	$ 9.00
Enchant	3.00	25.00	M. Glory	1.50	12.50
Higinb'th'm	1.25	10.00	Estelle	2.50	20.00
Chicago	2.00	15.00	Adonis	2.50	20.00
Flora Hill	1.00	9.00	W. Cloud	1.25	10.00
Her Majesty	1.50	12.50	Harlowar'n	2.00	15.00

Wietor Bros., 51 Wabash Ave., Chicago.

Carnation cuttings, well-rooted, from selected stock.

	100	1000		100	1000
Nelson Fisher	$7.00	$60	Enchantress	$4.00	$30
Mrs. Patten	6.00	50	H. Fenn	3.00	25
Flamingo	6.00	50	Manley	3.00	25
Crusader	6.00	50	Fair Maid	2.50	20
D. Whitney	5.00	40	Queen	3.00	25

Backer & Co., Billerica, Mass.

Carnation cuttings, strong and wellrooted.

	100	1000		100	1000
Enchantress	$2.50	$24	Wolcott	$2.00	$18
B. Market	2.00	18	Glacier	1.50	14
N. Fisher	5.00	..	Mrs. Lawson	1.50	14
Indianapolis	4.00	..	Prosperity	1.50	14
Estelle	2.00	18			

The W. T. Buckley Co., Springfield, Ill.

Rooted carnation cuttings. Per 100:

Enchantress	$3.00	Floriana	$1.50
Lawson	2.00	Morning Glory	1.50
Queen Louise	2.00	Gov. Roosevelt	1.50
May Naylor	1.50		

Strong, healthy stock. Satisfaction guaranteed. Cash with order, please.
Jewett City Greenhouses, Jewett City, Conn.

MY MARYLAND was the sensation of the Chicago exhibition. Easily outranks any other white. We are booking orders now for delivery January, 1906. Price: $2.50 doz.; $12.00 100; $100.00 1000. Write us for other new and standard varieties.
H. Weber & Sons, Oakland, Md.

Rooted carnation cuttings, fine healthy stock.

	100	1000		100	1000
Enchantress	$3.50	$30	Wolcott	$2.00	$15.00
Queen	2.50	20	Floriana	1.50	12.50
Lawson	2.00	15	Lord	1.25	10.00
Q. Louise	2.00	15			

Robt. C Pye, Nyack, N. Y.

Our specialty, in carnations, is UNROOTED CUTTINGS. We have the best varieties for business. Fair Maid, Mrs. Thos. W. Lawson, Boston Market, Queen, $10.00 per 1000; 250 or more at 1000 rate. Careful packing and prompt shipment. Cash, please.
STEPHEN CHASE, Nashua, N. H.

Rooted carnation cuttings. Per 100:

Mrs. M. A. Patten	$5.00	D. Whitney	$4.00
Enchantress	4.00	White Cloud	1.50
Joost	1.50	Morning Glory	1.50
Gov. Wolcott	1.50	Queen Louise	1.50

Special price on large lots.
J. F. Ammann, Edwardsville, Ill.

Rooted cuttings of WHITE LAWSON and MRS. PATTEN carnations, $5.00 100.
H. F. Littlefield, Worcester, Mass.

CARNATIONS—Continued.

Rooted carnation cuttings. Per 1000:

Crusader	$45.00	Lawson	$10.00
Enchantress	30.00	Lord	10.00
B. Market	20.00	Hill	10.00
Estelle	20.00	Scott	10.00
Nelson	20.00		

Des Plaines Floral Co., Des Plaines, Ill.

Rooted carnation cuttings, clean and healthy.

Mrs. M. A. Patten	$6	Enchantress	$3
Nelson Fisher	7	Wolcott	2
Boston Market	2	J. H. Manley	2
Maceo	2		

Sidney Littlefield, North Abington, Mass.

FRED BURKI is the ideal commercial white carnation. You will make no mistake by growing it. Price: $12.00 100, $100.00 1000; 250 at 1000 rate. Address S. S. Skidelsky, 824 No. 24th St., Philadelphia, Pa., or
John Murchie, Sharon, Pa.

Rooted carnation cuttings.

	100	1000		100	1000
W. Lawson	$6.00	$50	Flamingo	$6.00	$50
Enchantress	3.00	25	The Queen	2.50	20

The Cardinal, from 2-in. pots, $12.00 per 100.
Larchmont Nurseries, Larchmont, N. Y.

Rooted carnation cuttings, nice, clean stock. Enchantress, Nelson Fisher, M. A. Patten, Gov. Wolcott, Boston Market, White Cloud and Joost; also unrooted cuttings of last two varieties. Prices on application.
C. G. Velie & Son, Marlborough, N. Y.

Variegated Lawson, sport of Mrs. Thos. W. Lawson. The flower is of the Mrs. M. A. Patten type and can barely be distinguished from it. Rooted cuttings, $12.00 100; $100.00 1000.
John Reimels, Woodhaven, L. I., N. Y.

We can supply your wants in carnations. White Lawson, Flamingo, Lady Bountiful, Nelson Fisher, Crusader, and others. Write us for prices.
John Breitmeyer's Sons, Detroit, Mich.

STRONG ROOTED CUTTINGS. Per 1000:

Guardian Angel	$ 9.00	Mrs. Nelson	$12.00
Hill	9.00	Boston Market	15.00
Enchantress	25.00	Morning Glory	12.00

A. L. RANDALL CO., 19-21 Randolph St., Chicago.

Well rooted cuttings ready now. Per 100:

Fair Maid	$2.00	Lawson	$1.25
Boston Market	2.00	Flora Hill	1.00
Joost	1.00		

F. P. Sawyer, Clinton, Mass.

We have a few hundred cuttings to spare of two of the most profitable varieties of carnations, BOSTON MARKET and HARLOWARDEN, at $2.50 per 100; $20.00 per 1000.
The Wm. Scott Co., Corfu, N. Y.

PALMER'S RED LAWSON, sport from the famous Mrs. Thos. Lawson. Planted May 18, in full crop middle of August. Rooted cuttings, $10.00 100; $40.00 500; $75.00 1000.
W. J. Palmer & Son, Lancaster, N. Y.

Rooted carnation cuttings, per 100: Flamingo, $5.00; Enchantress, $3.00; Boston Market, $2.00; Lawson, $1.00. Cash with order, please.
Chas. Wiffin, Des Plaines, Ill.

Rooted carnation cuttings now ready. Send for price list of all the new and standard varieties.
Wm. Swayne, Box 226, Kennett Square, Pa.

Rooted carnation cuttings, clean stock.
Boston Market.....$2.00 100; $18.00 1000
Unrooted cuttings at half price.
F. H. Pasell & Son, New Bedford, Mass.

Unrooted pips. Flora Hill, Maceo, Freedom, Marquis and Mrs. Jas. Dean, 50c 100; prepaid.
Hopkins & Hopkins, Chepachet, R. I.

Strong cuttings in many varieties. I guarantee satisfaction. Don't fail to get my list and prices. A. A. Gannett, Geneva, N. Y.

Prosperity carnation cuttings, 2000 at $2.00 100; $15.00 1000. Faber Bros., Kankakee, Ill.

Carnations. Novelties and standards. Write
F. Dorner & Sons Co., La Fayette, Ind.

Carnation rooted cuttings or 2-in. Write
Geo. A. Kuhl, Pekin, Ill.

CHRYSANTHEMUMS.

Chrysanthemums. Strong stock plants of Dr. Enguehard, $1.00 per doz. Silver Wedding, Col. D. Appleton, Mrs. Jerome Jones, Columbia, Grates, W. K. Rieman, Helen Bloodgood, Marie Liger, White Bonnaffon, Mrs. S. J. Tranter. 75c per doz.
C. W. Reimers, Hite Ave., Louisville, Ky.

Chrysanthemums; buy now and increase your stock. Wm. Duckham, Dr. Enguehard, pink; Ben Wells, white; Donald McLeod, bronze yellow. Rooted cuttings, $3.00 per 100; 2-in., $5.00 per 100. Cash, please. Send for regular list.
R. Engelman & Son, Pittsfield, Mass.

Chrysanthemums. Three grand new commercial varieties, MAJESTIC, ADELIA, MADONNA. Write us about them.
John Breitmeyer's Sons, Detroit, Mich.

About 400 extra fine, strong Wm. Duckham stock plants, $1.00 per doz.
Highland Park Greenhouses, Highland Park, Ill.

Chrysanthemum novelties. We are headquarters for the best new varieties. Mrs. W. Duckham, Mersham Yellow, J. H. Doyle, Emily Mileham, Lady Cranston, A. J. Miller, Mrs. D. V. West, etc. Complete list now ready. Send for copy. Chas. H. Totty, Madison, N. J.

Chrysanthemum rooted cuttings now ready. Wm. Duckham, Ben Wells, F. A. Cobbold, Leila Filkins, $3.00 100. Dr. Enguehard, $4.00 100. Mrs. Thirkell, $2.00 100. Send for list. No order filled for less than $1.00.
W. A. Chalfant, Springfield, Mo.

Having secured the Japanese exhibit of pompon chrysanthemums at the World's Fair, we offer rooted cuttings of the same at $3.00 100. Cash with order.
Bentzen Floral Co., 4025 Marcus Ave., St. Louis, Mo.

We shall be pleased to send you our price list of chrysanthemums, which includes about all the varieties that are worth growing.
The Wm. Scott Co., Corfu, N. Y.

Rooted cuttings of early chrysanthemums, Opah, Mme. Bergmann, Willowbrook, and October Sunshine. Write for prices.
Eli Cross, Grand Rapids, Mich.

Chrysanthemums. Strong rooted cuttings and plants. Leading standard varieties. Write for list of varieties and prices.
BAUR FLORAL CO. ERIE, PA.

Hardy chrysanthemums, small flowering varieties, 2¼-in. pots, $2.00 100; large flowering, 2¼-in. pots, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Chrysanthemum rooted cuttings or 2-in. Write
Geo. A. Kuhl, Pekin, Ill.

CINERARIAS.

Hybrid cinerarias, dwarf; budded, ready for 5-in. pots, $6.00 per 100.
Herman Holtz, Hammond, Ind.

Cinerarias, 6-in., 25c.
Geo. A. Kuhl, Pekin, Ill.

CLEMATIS.

Large-flowering clematis—purple, lavender, white, red, 2-yr., 18c; 1-yr., 9c. Cash.
W. H. Salter, Rochester, N. Y.

COLEUS.

Rooted cuttings of Verschaffeltii, Golden Bedder, Lord Palmerston, Fire Brand, Beckwith's Gem, Queen Victoria and Fancies, 60c 100; $5.00 1000. Golden Bedder (original) and Hero, 75c 100; $6.00 1000. Ten per cent discount on orders of 10,000 or more.
Frank A. Pierson, Cromwell, Conn.

Coleus, clean, strong, well-rooted cuttings. Golden Bedder, Crimson Verschaffeltii, Hero, Firebrand, Rainbow, and others, 60c per 100; $5.00 per 1000. Cash with order, please.
Hugo Book, Worcester, Mass.

Coleus rooted cuttings, 2-in., $1.00 per 100; choice varieties, bushy plants, 3-in., $2.50 per 100. Will exchange for plumosus or Sprengeri, 3-in. or 4-in.
O. B. Wisner, 2476 Cherry St., Toledo, O.

Coleus rooted cuttings, 60c per 100, $5.00 per 1000; 2-in., $2.00 100, $15.00 1000. Golden Bedder, Verschaffeltii and other varieties.
E. B. Randolph, Delavan, Ill.

Coleus rooted cuttings, 40 var., 70c 100; $6.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Coleus rooted cuttings, 10 best sorts, 60c 100; $5.00 1000. Cash, please.
Critchell's, Avondale, Cincinnati, Ohio.

Coleus, 10 varieties, 2-in. pots, ready March 1, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, Ohio.

Coleus, 12 best varieties, 2-in., full of cuttings. $2.00 100. A. J. Baldwin, Newark, Ohio.

Coleus, good varieties, 2¼-in., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Ten varieties, R. C., 60c 100; 2-in., $2.00 100. D. W. Brainard, Thompsonville, Conn.

For coleus rooted cuttings or 2-in. write
Geo. A. Kuhl, Pekin, Ill.

CUPHEAS.

Cupheas (cigar plant); rooted cuttings, 60c 100; $5.00 1000. Cash, please. No orders filled for less than $1.00.
Critchell's, Avondale, Cincinnati, Ohio.

Cuphea (cigar plant), 2¼-in., $2.00 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

Cuphea rooted cuttings or 2-in. Write
Geo. A. Kuhl, Pekin, Ill.

CYCLAMEN.

Cyclamen giganteum splendens, in 5 separate colors from 2¼-in. pots, ready for 3½ or 4-in., $5.00 per 100; also same as above, from flats, once transplanted, $2.00 per 100.
Wm. Schlatter & Son, Springfield, Mass.

Cyclamen giganteum, our well known strain. July seedlings, twice transplanted, strong and healthy, in separate colors, $4.00 per 100; $35.00 per 1000.
Lehnig & Winnefeld, Hackensack, N. J.

Cyclamen, once transplanted, ready March 1st, seed of only selected flowers, choicest stock, none better, $2.00 per 100; $18.00 per 1000.
C. Winterich, Defiance, Ohio.

Cyclamen giganteum, Sept. sown, in 3 separate colors, $3.50 per 100; mixed, $2.50 per 100.
A. E. Wohlert, Bala, Phila., Pa.

DAHLIAS.

DAHLIAS. Pot roots for immediate shipment. Every section, including the popular CACTUS dahlias, at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 100. These are postpaid terms; note this when comparing prices.

Twelve seedling CACTUS dahlias, all 1903 sorts, and certificated by the Dahlia societies in England, $2.50 postpaid.

1904 seedling CACTUS dahlias. A rare opportunity; only a few to offer at $1.25 each, postpaid, in quantities of not less than 4 sorts, or 1 of each (there are 16 of them) for $16.00, postpaid.

Terms: Cash with order. Catalogue free.
Hobbies Limited, Norfolk Nurseries, Dersham, England.

MRS. WINTERS, still the leading white. My sales of this variety for the past two years were phenomenal; also INGEBORG EGELAND, the new scarlet cactus. Do not fail to list these two novelties. Also fine stock of leading novelties and standard varieties. Catalogue of dahlias, peonies, hollyhocks, gladioli and hardy plants, now ready.
W. W. WILMORE, Dahlia Specialist,
Box 382, DENVER, COLO.

DAHLIAS. Half a million pot roots ready for dispatch. The largest and most up-to-date collection in the world. Special low quotations to the trade upon receipt of requirements. Catalogues free.
The Horticulture Company, Champion Dahlia Specialists, Cheadle-Hulme, Cheshire, England.

Dahlias, field roots. Clifford W. Bruton, yellow; Storm King, pure white; A. D. Livoni, pink; Maid of Kent, red, tipped white, $5.00 per 100; mixed, $4.00 per 100. The Brighton Seed & Floral Co., 215 Occidental Ave., Seattle, Wash.

EAST BRIDGEWATER DAHLIA GARDENS. If you are looking for some first-class, up-to-date dahlias, send for trade list to the winner of the SILVER MEDAL at St. Louis World's Fair for growing exhibit.
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Dahlias. Nymphaea, Livoni, Snowclad, Storm King, Strahlen Krone, and new cactus sorts, mixed, $3.00 per 100, $25.00 per 1000. Strong field roots. Cash.
I. Merwin Rayner, Greenport, N. Y.

Dahlias. Our catalogue with descriptions of 40 varieties sent on request. Strong, field-grown roots. Best cut flower varieties.
Vick & Hill Co., Box 613, Rochester, N. Y.

Dahlia roots. Good selection of standard varieties, $5.00 100; $40.00 1000. Mixed, $4.00 100; $35.00 1000. Send for list.
R. Vincent, Jr. & Son, White Marsh, Md.

DAISIES.

NEW SHASTA DAISIES
ALASKA, CALIFORNIA, WESTRALIA, $3.00 doz.; $15.00 100. Having obtained my stock from Mr. Burbank, it is warranted to be pure and true to name. Postal for circular. Shasta daisy "Shasta," strong field plants, $3.00 100. Small plants, one-third less. Prepaid. Cash, please. Fred Grohe, Santa Rosa, Cal.

Daisies. English daisies, Snowball and Longfellow, wintered in frames, $1.00 per 100, $7.00 per 1000. Cash.
I. Merwin Rayner, Greenport, N. Y.

Daisies. Marguerites, California White, $1.00 per 100; yellow, extra fine, $2.00 per 100. Cash.
N. P. Colberg, Morris, Ill.

Marguerites, everblooming white; rooted cuttings, $1.00 100; $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Daisies, dbl. white, 75c 100, $5.00 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Daisies, $1.00 per 100.
S. D. Brant, Clay Center, Kan.

DEUTZIAS.

Deutzia gracilis and Lemoinei, $15.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

DRACÆNAS.

Dracaena indivisa, 3-in. pots, 16 to 20 inches high, $6.00 per 100; 4-in. pots, 18 to 24 inches high, $10.00 per 100. Fine, bushy plants, leaves to the bottom.
Port Allegany Greenhouses, Port Allegany, Pa.

Dracaena indivisa, 3 and 4-in., 24-in. high, ready for 5-in., very strong, $6.00 100. Cash.
N. P. Colberg, Morris, Ill.

Dracaena indivisa, 6 to 10 inches high, fine stock to grow on, $5.00 per 1000.
Golden State Plant and Floral Co., Santa Monica, Cal.

Dracaena indivisa, strong 2½-in., $2.50 per 100; 4-in., $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Dracaena indivisa, 3-in., 10c.
Rhoten Bros. & Co., Bx. 5, Danville, Ill.

There is no better or cheaper way of reaching the buyers than through the medium of THE REVIEW'S classified advs.

EASTER PLANTS.

We have pot grown Wistaria sinensis plants. 2 ft. high, each will bear for Easter from 20 to 30 racemes of flowers, white flowered, exquisite, $1.25 each, $14 doz.; blue or purple flowered, $1.10 each, $12 doz. Can be shipped in coldest weather safely. Japanese peonies, herbaceous, sweet scented, double, white, rose or carmine, strong flowering roots, 3 to 5 eyes, 30c each, $3.00 doz. New fern designs, soldiers on horseback with drawn swords, $2.00 each; on bicycles, very well made, $2.00 each. Also monkeys, Chinese pagodas, log cabins, flying cranes, pigeons, turtles, full rigged ships, your choice 75c each, $9.00 doz.; our selection, $8.00 doz. Fernballs, 5 in., $15.00 100, $2.00 doz., 20c each; 7-9, $22.00 100, $3.00 doz., 30c each. Send for our full new spring list of novelties in seeds, etc.
H. H. Berger & Co., 47 Barclay St., New York.

Easter plants. There is yet time, if you order at once. Per 100:

Spiraea Japonica	$ 4.00
" compacta multiflora	5.00
" Washington	12.00
" Gladstone	12.00
Deutzia Gracilis	15.00
" Lemoinei	15.00
Lilacs, forcing variety	45.00
Azalea Mollis, extra	35.00
" standards	75.00
Rhododendrons, best hybrids, $1.00 and up, each.	
Crimson Ramblers, extra	15.00
H. P. Roses, best variety	10.00

Prices on all spring bulbs, plants and roots cheerfully given by
F. W. O. Schmitz, Prince Bay, N. Y.

Forcing stock for Easter. Azalea mollis, full of buds, nice even heads, 12 to 15 in. high, $30.00 100; 15 to 18 in. high, $40.00 100.
Deutzia gracilis, grown especially for pot culture;- very bushy; 12 to 15 in. high, for 6-in., $6.00 100; 15 to 18 in., for 7 or 8-in., $8.00 100.
Deutzia Lemoinei — similar to gracilis, but stronger grower—15 to 18 in. high, for 6-in., $8.00 100; 18 to 24 in., for 7 or 8-in., $10.00 100.
Rhododendrons, best named hybrids, bushy and full of buds, 20 in. high, $9.00 doz.; 24-in. high, $12.00 doz.; 30 to 32 in. high, heavy, $24.00 doz.
Spiraea japonica, $3.00 100; nana compacta, $4.00 100.
STORRS & HARRISON CO., Painesville, O.

There is still time to force PHILADELPHIA RAMBLER roses for Easter. Its large clusters of very double bright crimson flowers and its keeping qualities make it one of the very best forcing roses. Well-branched plants, 3 to 4 ft., $2.50 doz.; $17.50 100; $150 1000.
CONARD & JONES CO., West Grove, Pa.

Best German forcing valley pips and forcing lilacs; spiraea clumps in sorts; selected longiflorum bulbs; Crimson Ramblers, azaleas, and other Easter forcing plants and bulbs imported to order for fall delivery.
A. Rolker & Sons, 31 Barclay St., N. Y.

We have a fine line of Easter plants, timed just right to be in full bloom. See display adv. in this issue.
G. Aschmann, 1012 Ontario St., Phila.

EUPHORBIAS.

Euphorbia, Crown of Thorns, 2½-in., $7.00 100. Iowa Seed Co., Des Moines, Iowa.

FARFUGIUMS

Farfugium grande. We still have a few hundred left; fine plants, 4-in., well-colored. $15.00 100.
Michel Plant and Bulb Co., St. Louis, Mo.

FERNS.

Boston ferns. Per 100: 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00. Each: 8-in., $1.00 to $1.50; 10-in., $1.50 to $2.50. Piersoni ferns. Per 100: 2½-in., $5.00; 3-in., $12.50; 4-in., $20.00; 5-in., $35.00. Each: 6-in., 75c to $1.00; specimens, $1.50, $2.50, $3.50 and $5.00. Ten per cent from above price where cash is with the order.
Geo. A. Kuhl, Pekin, Ill.

SCOTTII FERNS.
2½-inch, $2.00 per doz.; $12.50 per 100. 3-inch, $3.00 per doz.; $20.00 per 100. 4-inch, $5.00 per doz.
The Conard & Jones Co., West Grove, Pa.

Boston ferns from benches, good for 5-in., 6-in., or 7-in. pots, 25c, 35c and 50c.
Jas. E. Beach, 2019 Park Av., Bridgeport, Conn.

Boston ferns, fine stock. 2½-in., $3.50 100; 3-in., $1.00 doz., $7.00 100; 4-in., $1.75 doz., $12.00 100; 5-in., $2.40 doz.; 6-in., $4.80 doz.; 7-in., $7.00 doz. 5% discount for cash with order. D. U. Augspurger & Sons, Peoria, Ill.

BOSTON FERNS, pot-grown. Per 100: 2½-in., $3.00; 3-in., $6.00; 4-in., $12.00; 5-in., $20.00. Good, strong, healthy plants.
Crown Point Floral Co., Crown Point, Ind.

Boston ferns, 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100.
Davis Bros., Geneva, Ill.

Boston ferns, extra fine stock cut from bench for 5, 6, 7, 8-inch pots, at $25.00, $50.00, $75.00, $100.00 per 100.
L. H. Foster, 45 King St., Dorchester, Mass.

Boston ferns. To make room quick—2½-in., 3c; 3-in., 5c; 4-in., 8c; 5-in., 20c; 6-in., 25c. A few 7-in., 50c.
S. M. Harbison, Danville, Ky.

Nephrolepis Scottii, 6-in., pot-grown, ready for 8-in., $15.00 doz.; 7-in., $24.00 doz.; 8-in., $36.00 doz.
John Scott, Keap St., Brooklyn, N. Y.

Fern spores, our own sowing from 30 kinds of ferns, mixed, 50c per trade pkt.
Golden State Plant & Floral Co., Santa Monica, Cal.

Boston ferns, 2¼-in., $3.50; 4-in., $12.00; 5-in., $20.00; 6-in., $35.00; 7-in., $60.00; 8-in., $75. Excellent value.
W. H. Gullett & Sons, Lincoln, Ill.

Boston ferns taken from bench, $10.00, $15.00, $20.00, $25.00 and $50.00 per 100. Extra fine stock. Wm. A. Bock, No. Cambridge, Mass.

Boston ferns, 2½-in., $5.00 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c; 6-in., 40c; 7-in., 90c.
W. J. & M. S. Vesey, Fort Wayne, Ind.

Nephrolepis exaltata Bostoniensis. We have reduced price to $10.00 per 1000, for cash; fine young stock. Soar Bros., Little River, Fla.

We are headquarters for Boston and Piersoni ferns. The stock is fine and thrifty. Write
Geo. A. Kuhl, Pekin, Ill.

Boston and Pierson ferns, rooted runners, $2.00 100; $18.00 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Boston ferns, 3-in., to close out, $3.00 100. Cash with order. W. H. Parsil, Summit, N. J.

Special discount on Boston and Pierson ferns.
J. B. Braidwood, Colorado Springs, Colo.

Boston ferns, 2¼-in., strong, $3.00 100.
Iowa Seed Co., Des Moines, Iowa.

Boston ferns, extra fine 2½-in., 3½c.
A. J. Baldwin, Newark, Ohio.

FEVERFEW.

Feverfew for Decoration day. Fine stuff in 2-in. pots, $3.00 100. Cash with order.
S. J. Goddard, Framingham, Mass.

Feverfew Little Gem, R. C., $1.00 100; 2-inch, $2.50 100. Cash.
D. W. Brainard, Thompsonville, Conn.

Feverfew, dbl. white, $1.00 100, $8.00 1000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Feverfew rooted cuttings or 2-in. Write
Geo. A. Kuhl, Pekin, Ill.

FUCHSIAS.

Fuchsia rooted cuttings, single and double, 10 varieties, mixed $1.00 100. Cash.
Critchell's, Avondale, Cincinnati, Ohio.

Fuchsias. Rooted cuttings, 11 varieties, mixed, $1.25 per 100.
S. T. Danley, Macomb, Ill.

Fuchsias Black Prince and Minnesota, 2¼-in., 50c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Fuchsia rooted cuttings or 2-in. Write
Geo. A. Kuhl, Pekin, Ill.

GERANIUMS.

Doubles—Bruanti, Centaure, Comtesse de Harcourt, Double Gen. Grant, Gloire de France, Jean Viaud, La Favorite, Le Cid, Mme. Canovas, Mme. Charotte, Mme. Jaulin, Mme. Landry, Miss Kendell, Miss Frances Perkins.
Singles—Granville, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Single Gen. Grant.
Good, strong, healthy plants from 2¼-in. pots, 40c per doz., $2.00 per 100, $17.50 per 1000, provided that not less than 200 of any one variety are ordered.
R. Vincent, Jr. & Son, White Marsh, Md.

Viaud	J. J. Harrison
Nutt	Annabel
La Favorite	Richelieu
Dbl. Grant	Mme. Jaulin
Pasteur	John Doyle
Trego	M. De Castellane
Dbl. Dryden	Le Soliel
R. Ricard	B. Poitevine
Mrs. E. G. Hill	Fleur Poitevine
Rev. Atkinson	Mrs. Gaar
Madonna	Bellerophon

C. G. Nanz, Owensboro, Ky.

TELEGRAPH is the best geranium known to the trade for bedding out, conservatory or window. It has commanded more notice and received more honors than any geranium ever before disseminated. Strong 2¼-in. plants, $15.00 1,000.
Thos. De Voy & Son, Poughkeepsie, N. Y.

Geraniums from 2¼-in. pots, fine stock. Jean Viaud, Bruant, F. Perkins, S. A. Nutt, M. De Castellane, Katie Schultz, Queen of the West, A. Ricard and Mrs. E. G. Hill at $2.00 per 100; A. H. Trego, $3.50 per 100.
S. M. Harbison, Danville, Ky.

Geranium rooted cuttings. Gen. Grant, Nutt, Hill, B. Poitevine, J. Viaud, Heteranthe, Favorite, J. Doyle, $1.25 100; $10.00 1000. From 2¼-in., strong, $2.00 100; $18.00 1000. Cash.
J. Ambacher, West End, N. J.

Geranium stock plants. 100 S. A. Nutt, 100 Jean Viaud and choice mixed, 4-in., 5c. From 2½-in., S. A. Nutt, Jean Viaud and scarlet, 2c; rooted cuttings of same kinds, 1½c.
W. H. Stenger, Granville, Ohio.

Geraniums, 2½-in. pots. S. A. Nutt, La Favorite, single and double Grant, Thibaut, $2.50 per 100, $20.00 per 1,000; Mme. Salleroi, $1.75 per 100, $15.00 per 1,000.
H. Book, Worcester, Mass.

Ivy-leaved geraniums. La Rosiere, delicate rose pink; Flourens, bright rose; Jeanne D'Arc, the best white. Strong, healthy plants, 2¼-in., $3.00 100.
Nathan Smith & Son, Adrian, Mich.

Geraniums. Surplus stock of S. A. Nutt, A. Ricard, Jean Viaud, 2¼-in., ready for a shift, $2.25 per 100.
Harvey B. Snow, Camden, New York.

Geraniums. Wm. Langguth, 2¼-in., $5.00 100; Lady Plymouth, sweet scented, variegated, 2¼-in., $6.00 100.
Iowa Seed Co., Des Moines, Iowa.

Rooted cuttings of Mme. Salleroi geraniums. $1.00 100; $8.00 1,000. Cash, please.
Critchell's, Avondale, Cincinnati, Ohio.

Geraniums. 10 varieties, 2 and 2½-in. pots, $3.00 100 Cash.
Jos. H. Cunningham, Delaware, Ohio.

Mme. Salleroi geraniums, 2¼-in., $2.00 100; $18.00 1000. Faber Bros., Kankakee, Ill.

Mme. Salleroi rooted cuttings or 2-in. Write
Geo. A. Kuhl, Pekin, Ill.

For geranium rooted cuttings or 2-in. write
Geo. A. Kuhl, Pekin, Ill.

GLADIOLI.

Groff's hybrid gladioli, $1.00 per 1000; will bloom the first year; bulblets, 25c per 1000. Colors are white, scarlet, crimson, bright red, bright pink, delicate peach and rose; flowers 3 to 5 inches in diameter. Cash with order.
Ralph Hornor, Mt. Holly, N. J.

FLORACROFT prize strain GLADIOLI have immense spikes with orchid-like blooms. See display adv. in this issue for varieties and prices.
Johnson & Stokes, 217-219 Market St., Phila.

Shakespeare, sizes 1 and 2; E. Scribe, 1 and 2; No. 1900, 2, 3 and 4; Augusta, 2, 3 and 4; also small sizes, ¼ to ⅜ in., $3.50; 5/16 to ½ in., $5.00 per 1000.
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Gladioli. Highest quality grown in the world. Groff's hybrids and other sorts the best obtainable. See display adv. in this issue.
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150,000 gladiolus bulbs, good stock, ¾ to 1½-in.; also choice gladiolus seed. Write for low prices. S. Huth, Cuyahoga Falls, Ohio.

May, and Groff's hybrids, sizes ½ inch and less, $1.00 per 1000. Cash.
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Our gladiolus bulbs are good. Try them.
Cushman Gladiolus Co., Sylvania, O.

Gladioli. Groff's hybrids, all sizes.
Mrs. A. H. Austin, Wayland, O.

See adv. under heading of bulbs.
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Finest stock of hardy forest rhododendrons in the U. S., especially suited for planting on fancy lawns and on large estates. Large orders solicited. Also 200,000 extra fine apple, plum, pear, peach, cherry and quince trees at reasonable prices. We also have a full line of small fruits.
Riverside Nursery Co., Confluence, Pa.

Hardy phlox, 10 named varieties, 2¼-in. pots $3.00 100. Carnations, dwarf hardy, mixed; Carnation Marguerite, and Delphinium formosum, $1.50 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Extra fine blue spruce (Koster), from 2 to 5 ft. high; taxus in all sizes, conifers, hardy shrubs, etc. All strictly first-class. Catalogue free.
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Native ferns and herbaceous plants. Lobelia cardinalis, a fine lot of hemlock, white pine, American yew, betulas, vacciniums, Viburnum cassinoides, V. dentalum, V. lantinoides, and V. Lentago, and native trees and shrubs of all kinds and sizes. Price list for asking. Send your large list to me for special prices.
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Surplus tree seeds—500 lbs. Catalpa speciosa and 500 lbs. black locust; also good lot of other tree and shrub seeds, and a large lot of seedlings both nursery-grown and collected. Send for trade list.
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German Iris, white, yellow, blue. $2.00 per 100; dwarf blue, $1.00 per 100; Hemerocallis fulva, Pardanthus sinensis, $2.00 per 100.
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Trees and shrubs, fine varieties, low prices. Send for catalogue.
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We handle the best grade of nursery stock only. Send for our catalogue.
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Heliotropes, light and dark. Rooted cuttings, $1.00 100; $8.00 1000. Cash, please.
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Heliotropes, dark; rooted cuttings, $1.00 per 100; $8.00 per 1000. Cash with order, please.
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Heliotrope rooted cuttings, 12 var., $1.00 100, $8.00 1000. Express paid. Cash.
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R. Vincent, Jr. & Son, White Marsh, Md.

Heliotrope, blue, R. C., $1.00 100; 2-inch, $2.00 100. Cash.
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Heliotropes, 2¼-in., fine stock, $2.00 per 100. Cash. W. H. Parsil, Summit, N. Y.

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Hibiscus Regia Maxima, Peachblow, Carminatus perfectus, healthy, well-established plants, 3-in., 75c doz., $6.00 100.
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Hibiscus Peachblow, 2¼-in., $3.00 100.
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Hollyhocks. Large field-grown plants, $3.00 per 100. Double varieties in red, white, pink, yellow and maroon; also the Allegheny strain in mixture at same price. Catalogue of peonies, hardy plants, gladioli and dahlias now ready.
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Hollyhocks, strong field plants, double and single colors, each, $5.00 100.
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Hydrangea Otaksa, pot-grown, 6 to 12 flowering crown, suitable for 7 and 8-in. pots, $4.00 per doz.; 10 to 20 flowering crowns, suitable for tubs, $6.00 per doz. Field-grown, potted, 5 to 7 crowns, suitable for 6-in. pots, $20.00 per 100; 3 to 4 crowns, $15.00 per 100.
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Hydrangea pan. grand., fine bushy plants, 8c. Cash. W. H. Salter, Rochester, N. Y.

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Hardy English ivy, $2.00 100, $15.00 1000.
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Lantana rooted cuttings, $1.00 100. Cash.
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Lilacs, forcing variety, $15.00 100.
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Rooted cuttings of dwarf blue lobelias, $1.00 100, $8.00 1000.
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We have just published our illustrated and descriptive cultural catalogue for Orchids and Cacti. Send 10 cents in postage stamps for it. Price list free.
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Moon vines, white and blue, 50c doz., $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

Moon vines, 2½-in., $3.00 per 100.
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DEPENDABLE MUSHROOM SPAWN
From the most reliable English makers.
Fresh importation just received.
10 lbs., 80c; 25 lbs., $1.50; 100 lbs., $6.00.
Special prices in quantity.
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Double, bright yellow and bright crimson, ever-blooming, trailing, for hanging baskets, vases, window boxes. Either color, 15c each, $1.50 doz., $9.00 100, express prepaid.
Nilreb Greenhouses, Berlin, N. Y.

Nasturtiums, double; light yellow, with brown markings. Rooted cuttings, $3.50 100, prepaid. E. H. Hitchcock, Lamar, Mo.

ORCHIDS.

We have always on hand a stock of established and semi-established orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

If you want fine ORCHIDS see our adv., under heading Mexican Plants and Seeds.
J. Balme & Co., Mexico City, Mexico.

PALMS, ETC.

Latania borbonica. We have 10,000 strong, thrifty plants in 2½ and 3-in. pots (some of which are showing character leaves), ready for immediate shift. We offer them, while they last, at $5.00 100; $45.00 1000.
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Latania borbonica, 6-in., 60c each. Kentia Belmoreana, 4-in., 35c each. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Chamerops excelsa palm, strong 2-in., $4.00 per 100 by mail.
Golden State Plant and Floral Co., Santa Monica, Cal.

Palms, extra fine stock. Latania borbonica, 2½-in. pots ready for shifting, $4.00 100; $35.00 1000. Critchell's, Avondale, Cincinnati, Ohio.

Pandanus Veitchii, strong, well-colored plants, not perfect, 7-in., $1.00; 8-in., $1.50 each. J. Welch Young, Germantown, Pa.

Philadelphia-grown palms. Write
Joseph Heacock, Wyncote, Pa.

Kentia palms. Large assortment.
L. H. Foster, Dorchester, Mass.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

PANSY PLANTS.

To make room for vegetable plants in coldhouses I offer, next week, strong Florists' International pansy plants, mostly in bud and bloom, for $10.00 per 1000. Will mail sample for a 5c stamp.
Ludwig Mosbaek, Onarga, Ill.

Giant pansies. Strong plants, early fall sown, in 6 distinct colors or mixed, 50c per 100; $3.00 per 1000; strong transplanted stock, $1.25 per 100; $10.00 per 1000.
F. A. Baller, Bloomington, Ill.

Large transplanted plants of Bugnot, Cassier, Odier and Trimardeau strains, from cold frame, 50c 100, $3.00 1000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Pansies. Mme. Perrett and from our own famous strain, $2.50 per 1000, $10.00 per 5000.
J. C. Schmidt Co., Bristol, Pa.

Pansies, large transplanted plants, 50c 100 by mail; $3.00 1000 by express.
C. Whitton, Utica, N. Y.

Pansy plants, large flowering, 60c 100, $2.50 1000. Cash.
Jos. H. Cunningham, Delaware, Ohio.

Pansies, mixed, $1.50 100.
R. Vincent, Jr. & Son, White Marsh, Md.

PELARGONIUMS.

Pelargoniums, mixed varieties, 2 and 3-in. pots, $3.00 per 100; 200 for $5.00. Cash.
C. G. Nanz, Owensboro, Ky.

Pelargonium rooted cuttings, 15 var., $2.25 100. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

PEONIES.

Chinese herbaceous peonies. Double white, $1.50 doz., $10.00 100; double pink, double red and double dark red, $1.25 doz., $8.00 100.
Johnson & Stokes, 217-219 Market St., Phila.

PETUNIAS.

Berkshire, the new double fringed pink seedling petunia. Strong grower, very free bloomer and a beautiful shade of pink, color of Bridesmaid rose. I guarantee this petunia to be as represented. Orders filled in rotation at the following prices: Rooted cuttings, prepaid, 25 for $1.00; 50 for $1.75; 100 for $3.00; 2½-inch pot plants, $5.00 100, express. Cash with order. L. W. Acheson, Pittsfield, Mass.

Petunias, rooted cuttings; single, from California Giants, one of the finest collections in California, flowers from 4 to 6 inches across; double, from Dreer's and Henderson's sets, $1.25 100. Cash, please.
Fred Grohe, Santa Rosa, Cal.

Petunias, double, mixed, 2¼-in. pots, $2.50 100; 5 named varieties, 2¼-in. pots, $3.00 100. Dreer's superb single, mixed, $2.00 100. Fine mixed, $1.50 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Petunias, strong, tarifty plants, 2¼-in. pots, in four of the best, distinct varieties—white, variegated, light and dark blue, $2.50 100.
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Double petunias, rooted cuttings, very fine varieties, $1.50 100. 5% discount for cash with order. D. U. Augspurger & Sons, Peoria, Ill.

Petunias, double, mixed, 2¼-in. pots, $2.50 100; 5 named varieties, 2¼-in. pots, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Double petunias, rooted, 8 varieties, $1.00 per 100. Prepaid.
Hopkins & Hopkins, Chepachet, R. I.

Petunias, dbl. R. C., 10 best, $1.00 per 100, prepaid. Cash. Byer Bros., Chambersburg, Pa.

Double fringed petunias, 2½-in., ready for 4-in., separate colors, $2.50 per 100; $20.00 per 1000; 250 at 1000 rate.
Krueger Bros., Toledo, Ohio.

Petunia rooted cuttings, 20 var., $1.25 100, $10.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Petunias, dbl. fringed, 6 distinct novelties, $1.25 100; $10.00 1000.
The W. T. Buckley Co., Springfield, Ill.

Double petunias, 2¼-in., $2.50 per 100.
Rhoten Bros. & Co., Bx. 5, Danville, Ill.

Petunia rooted cuttings or 2-in. Write
Geo. A. Kuhl, Pekin, Ill.

POINSETTIAS.

Poinsettias. We have 2000 strong, healthy, dormant stock plants, one year old, at $6.00 per 100; $50.00 per 1000.
Chas. Frueh & Sons, 1116 Hoyt Ave., Saginaw, Mich.

Poinsettias, strong stock plants, 1 and 2 years old, $6.00 per 100, $50.00 per 1000; also 2¼-in. pot plants, double and branching, prices given on application.
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Pot plants. Fine 6-in. pot plants of light pink carnation (cross between Tidal Wave and Wm. Scott), 12 to 15 inches in height from top of pot, 10 to 12 inches across plants, 10 to 15 buds on plants; flowers when open 2 to 2½ in. across; will make good salable plants for house use, $25 to $35 per 100. Cash with order.
E. Wickersham & Co., 643 High St., Pottstown, Pa.

PRIMULAS.

Primula obconica, in bud and bloom, out of 4-in. pots, $6.00 per 100. Cash.
J. J. Von Reider, Dover, Del.

Primula obconica, 3-in., $3.00 100; 4-in., $5.00 100.
C. Whitton, Utica, N. Y.

Primula obconica, extra fine, 4-in., 20c.
Geo. A. Kuhl, Pekin, Ill.

PRIVET.

CALIFORNIA PRIVET CHEAP. 100,000 well-grown plants, 3 to 4 ft., selected, $4.00 100, $25.00 1000; 2½ to 3½ ft., 7 or more branches, $2.50 100, $17.50 1000; 20 to 30 inches, 5 or more branches, $2.00 100, $13.00 1000; 18 to 24 inches, light, 2 years, 3 or more branches, $1.50 100, $7.00 1000. All of the above boxed, f. o. b. here. For car or large lots, write before placing your orders.
CHAS. BLACK, Hightstown, N. J.

California privet, 1, 2 and 3 yrs.; also cuttings; any reasonable offer will be accepted on lots of 5,000 to carloads.
J. H. O'Hagan, Little Silver, N. J.

Privet and box edging. Fine, home-grown stock of both at reasonable prices. Send for wholesale list.
Shrewsbury Nurseries, Eatontown, N. J.

Amoor River privet, 3 to 5 feet, $18.00 1000. Cash with order, please.
Geo. Just, Jacksonville, Fla.

California privet and other hedge plants our specialties. Wm. H. Moon Co., Morrisville, Pa.

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Rhododendron maximum, 6-in., $5.00 100; 12-in., $10.00 100; 20-in., $15.00 100; 30-in., $20.00 100; 40-in., $25.00 100. Choice plants. Cash with first order.
J. N. Pritchard, Elk Park, N. C.

Hardy native Pennsylvania rhododendrons, large clumps 2 to 6 ft. high; finest stock in the U. S.
Riverside Nursery Co., Confluence, Pa.

Rhododendrons, best hybrids, $1.00 and up, each. F. W. O. Schmitz, Prince Bay, N. Y.

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Rooted cuttings. At ½c—Blue lobelia, dwarf or tall. At ¾c—Dbl. sweet alyssum, dwarf or tall; artillery and cigar plant. At 1c—Big-flowering Marguerite (my specialty), white and yellow; Impatiens Sultana; vinca, light and dark var.; English and German ivy; weeping lantana; var. tradescantia; Swainsona, red and white. At 1¼c—Crimson lantana, Geraniums La Favorite and Mme. Sallerol, Ivy Geraniums Beauty of Jersey, P. Crozy and Jeanne d'Arc; rose geranium and Abutilon Savitzii.
J. A. Wibe, Box 125, Downers Grove, Ill.

Geraniums, double petunias, fuchsias and carnations, best varieties, $1.00 per 100. Cigar plants, heliotropes, ageratums, salvias and alternantheras, 60c per 100, $5.00 per 1000.
J. C. Schmidt Co., Bristol, Pa.

Rooted cuttings, prepaid. Per 100: Ageratum Gurney, 50c. Alternantheras, best red and yellow, 45c; fall rooted, extra fine, 50c, $4.00 per 1000. Fuchsia Trophee and other good sorts, $1.25. Heliotrope, Giant Marg. daisy, white; rose geranium, strong; double petunias, 10 best sorts, $1.00. Cash.
Byer Floral Co., Shippensburg, Pa.

Rooted cuttings. Heliotropes, 75c 100, $7.00 1000. Coleus, 10 varieties, 65c 100, $6.00 1000. Vinca var., $1.00 100, $8.00 1000. Feverfew, 75c 100, $7.00 1000. Marguerites, yellow and white, 75c 100, $7.00 1000. Alyssum, 75c 100. Cash. Converse Greenhouses, Webster, Mass.

Salvia, Vinca var., feverfew, giant alyssum, $1.00. Mme. Salleroi geranium, $1.25. Hardy pinks, 6 kinds, rooted, $1.00; unrooted, 60c. Pelargonium, ivy geraniums, best kinds, $2.00 per 100. Prepaid.
S. W. Pike, St. Charles, Ill.

ROSES.

Rooted rose cuttings.

	100	1000		100	1000
Chatenay	$2.50	$20 00	Bride	$1.50	$12.50
Uncle John	2.50	20.00	Ivory	1.50	12.50
Bridesmaid	1.50	12.50	Perle	1.50	12.50

Roses from 2½-inch pots.

	100	1000		100	1000
Richm'd	$30.00	$250.00	La Detroit.	$6.00	$50.00
Chatenay	4.00	30.00	Sunrise	4.00	30.00
Godesberg	5.00	40 00	English	25.00	200.00
Liberty	5.00	45.00	Uncle John	4.00	35.00
Kaiserin	4.00	30.00	Bride	3.00	25.00
Bridesmaid	3.00	25.00	Ivory	3.00	25.00
Perle	3.00	25.00			

All plants sold under express condition that if not satisfactory they may be returned.
P. Reinberg, 51 Wabash Ave., Chicago.

The new rose WELLESLEY is a welcome addition to the list of forcing roses. Color is bright pink, with reverse of petals clear silvery pink, thus producing a combination that is exceedingly effective either in daylight or in artificial light. Growth is very free and exceptionally vigorous and will prove satisfactory every month in the year. Delivery strictly in rotation, beginning April 1. Prices:

Own root.	Grafted.
$ 25 per 100	$ 30 per 100
55 per 250	70 per 250
100 per 500	130 per 500
200 per 1000	260 per 1000

Waban Rose Conservatories, Natick, Mass.
John N. May, Summit, N. J.

ROSES, 2¼-in. pots, $2.50 per 100.

Universal Favorite	Mme. de Watteville
Evergreen Gem	Francisca Krueger
Dorothy Perkins	Mary Washington
Manda's Triumph	Champion of the World
So. Orange Perfection	Emile Gonin
White Memorial	Frances E. Willard
Yellow Rambler	Bridesmaids
Gardenia	Bride
Helen Gould	Halloween

Strong semi-dormant plants, splendid for spring sales or for planting.
IOWA SEED CO., Des Moines, Iowa.

GRAFTED ROSES, 60,000 plants. We are now grafting on the best English Manetti the above amount of all selected flowering wood, ready for delivery April 1st, in 2½-in. pots, well established and hardened off. Brides and Bridesmaids, $10.00 per 100. La Detroit, Gen. McArthur and Liberty, $12.00 per 100.
Rooted cuttings now ready. Bride, Bridesmaid and Chatenay, per 100, $1.50; Perle and Liberty, $2.50 per 100.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Bride, Maid and Perle roses, ideal stock for summer and early autumn, $4.00 100; $38.00 1000.
Bedding roses. Bon Silene, Etoile de Lyon, Ivory, Mrs. Ben. Cant, Pink and White Cochet, 3-in., $4.00 100; $38.00 1000. Same varieties, and many other everbloomers, 2½-in., $3.00 100; $25.00 1000.
E. G. Hill Co., Richmond, Ind.

Dormant rose plants, 2½-in. pots. Clothilde Soupert, Maman Cochet, White Maman Cochet, La France, Etoile de Lyon, Marechal Niel, Meteor, Helen Gould, Souv. de Mme. Pierre Notting, Ivory, Papa Gontier, Bride, Maid, Ball of Snow, $2.50 per 100; $20.00 per 1000. Cash, please.
John A. Doyle, Rose Grower, Springfield, O.

Roses for spring blooming. C. Soupert, Jacqueminot, Brunner, La France, Magna Charta, Crimson Rambler, etc., field-grown plants, never forced, suitable for 5-in., 7c; larger, for 6-in., 12c. Crimson Rambler, XXX, long tops, 20c. Packing free for cash.
W. H. Salter, Rochester, N. Y.

Rooted cuttings of Maid, Ivory, Golden Gate, $1.50 100; $12.50 1000. Perle, Meteor, $2.00 100; $20.00 1000. American Beauty, $3.00 100; $30.00 1000.
W. H. Gullett & Sons, Lincoln, Ill.

Time enough yet to force a few Philadelphia Rambler roses for Easter. Well branched plants, 3 to 4 ft., $2.50 doz.; $17.50 100; $150.00 1000.
The Conard & Jones Co., West Grove, Pa.

Rose plants, write for prices on hybrid perpetuals, hybrid teas, teas, climbers, ramblers, etc.
C. M. Niuffer, Springfield, Ohio.

Bride, Bridesmaid and Ivory roses. September propagated and wintered in a temperature of 30 degrees; they could not be in finer condition and are much better than winter propagated stuff. The price is $3.00 100; $20.00 1000.
All the other roses worth growing, such as the two Cochets, La France, and 25 other first-class pot and bedding sorts, at $25.00 1000.
E. G. Hill Co., Richmond, Ind.

Climbing Caroline Testout, strong, field-grown, 3 to 4 ft., 30c each; $3.00 per doz.; $25.00 100. Climbing Cecil Bruner, strong, field-grown, 3 to 4 ft., 15c each; $1.50 doz.; $12.00 100.
F. Ludemann, 3041 Baker St., San Francisco, Cal.

Field-grown roses, strong and well-rooted. Per 100: Crimson Rambler, 2 to 3 ft., $6.00; 3 to 4 ft., $8.00; 5 to 6 ft., $10.00. Climbing Marie Guillot and Rene Marie Henriette, $10.00. Maman Cochet, D. de Brabant, C. Soupert, $9.50. Juniata Rose Gardens, Decatur, Ga.

Grafted roses for forcing. Orders booked for delivery in April, May and June. Liberty, rose pots, $12.00 100; 3½-in. pots, $18.00 100; Bride, Maid, Golden Gate, Kaiserin, rose pots, $10.00 100; 3½-in. pots, $15.00 100. Send for price list. J. L. Dillon, Bloomsburg, Pa.

Rooted rose cuttings.

	100	1000		100	1000
Beauty	$3.00	$25.00	Bride	$1.50	$12.50
Liberty	3.00	25.00	Ivory	1.50	12.50
Bridesmaid.	1.50	12.50	G. Gate.	1.50	12.50

Geo. Reinberg, 51 Wabash Ave., Chicago.

Roses, grafted for March delivery and later. Bride, Bridesmaid, Golden Gate, Wootton, Carnot, La France, $12.00 per 100; Killarney and Franz Deegen, $15.00 per 100. Send for catalogue of other varieties.
WOOD BROS., Fishkill, N. Y.

Now is the time to buy KAISERIN and CARNOT roses for early summer flowering, 2¼-in. pots, $4.00 per 100, $35.00 per 1000.
BRIDE and BRIDESMAID, 2¼-in. pots, $4.00 per 100, $35.00 per 1000.
W. H. ELLIOTT, BRIGHTON, MASS.

We offer good values in Perles, in 2 by 3-in. rose pots, at $3.00 and $4.00 100. Fine American Beauty, March delivery, $6.00 100. We grow a full line of roses for the trade. Send for our list and prices.
Geo. A. Kuhl, Pekin, Ill.

La Detroit, Beauty, Mildred Grant, Gen. MacArthur, Liberty, Bride, Maid, Perle, Sunrise, Mme. Hoste, Mme. Cusin, Bon Silene, Papa Gontier, Kaiserin, and others. Write us for prices.
John Breitmeyer's Sons, Detroit, Mich.

Grafted roses on strong English Manetti stock, Bridesmaid, Golden Gate, Bride, Ivory, Mme. Chatenay, $120.00 1000. Uncle John, La Detroit, Gen. MacArthur, $18.00 100.
S. S. Pennock, Philadelphia, Pa.

Hardy roses. We have the most complete collections in this country Illustrated descriptive list free.
Ellwanger & Barry, Drawer 1044 W, Rochester, N. Y.

Pot now for spring, White and Pink Cochet, C. Soupert, and Crimson Rambler, field-grown, $10.00 per 100 Cash.
Benj. Connell, West Grove, Pa.

Rooted rose cuttings. Bride, Chatenay, Gate, Perle and Ivory, $2.00 100. Uncle John and Beauty, $3.00 100.
J. F. Ammann, Edwardsville, Ill.

Hardy perpetual standard and dwarf roses, Crimson Ramblers, etc. First-class stock. Catalogue free.
Van der Weijden & Co., Boskoop, Holland.

Crimson Rambler roses, extra, $15.00 100; H. P. roses, best varieties, $10.00 100.
F. W. O. Schmitz, Prince Bay, N Y.

Roses. Rooted cuttings of Bride, Maid and Gates, $1.25 per 100; $10.00 per 1000.
Rhoten Bros. & Co., Bx. 5, Danville, Ill.

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Manetti stocks, just received in fine condition. No. 1, 5 to 10 mm., $10.00 per 1000, $95.00 per 10,000; No. 2, 3 to 5 mm., $7.50 per 1000.
JACKSON & PERKINS CO., Newark, New York.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

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Rubber plants, 5-in., 50c each. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

SALVIAS.

Salvias, in variety, 2¼-in., $2.00 100; $17.50 1000. Holt's mammoth sage, $2.00 100; $15.00 1000. R. Vincent, Jr. & Son, White Marsh, Md.

Salvias, the two best. Drooping Beauty, dwarf; and Bonfire, tall; $1.00 100; $8.00 1000.
The W. T. Buckley Co., Springfield, Ill.

SALVIAS—Continued.

Salvias St. Louis and Bonfire, rooted cuttings, $1.00 100, $8.00 1000; 2-in., $2.00 100.
E. B. Randolph, Delavan, Ill.

Salvia R. C.—Bonfire, splendens, Silverspot, 90c per 100, $8.00 per 1000. Cash.
Byer Bros., Chambersburg, Pa.

Salvias Jean Revenal and splendens, rooted cuttings, 75c 100; $6.00 1000.
Frank A. Pierson, Cromwell, Conn.

Salvia rooted cuttings, 6 var., $1.00 100; $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Salvia rooted cuttings, $1.50 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Salvias, tall and dwarf; rooted cuttings, $1.00 100; $8.00 1000.
Critchell's, Avondale, Cincinnati, Ohio.

For salvia rooted cuttings or 2-in. write
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Salvia splendens. $1.00 100.
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Phlox pumila compacta. Very dwarf and compact; grand for pots; in finest colors, mixed. Trade pkt., 25c.

Alyssum compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots. Trade pkt., 25c.

Chinese primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.

Pansy. Finest giants, the best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c.

Petunia. New star, from the finest marked flowers, extra choice. Trade pkt., 25c.

Cash. Liberal count of seeds in all packets.
John F. Rupp, Shiremanstown, Pa.

Astera. Queen of Market, white, rose, purple, 50c oz.; mixed, 35c oz. Peony-flowered, white, pink, 50c oz.; mixed, 35c oz. Giant Ostrich Plume, white, pink, purple, lavender, 75c oz.; mixed, 60c oz. Ostrich Plume "The Bride," white, changing to blush pink, very fine, $1.00 oz. Semple's Branching, white, purple, rose, daybreak, 60c oz.; mixed, 50c oz.

These seeds are of my own raising and are absolutely free from disease, are fresh and very fine.
W. H. Newman, Akron, Erie Co., N. Y.

	100	1000
New crop flower seeds.		
Asparagus plumosus nanus	$0.60	$5.00
Cyclamen giganteum	.60	5.00
	Oz.	Trade Pkt.
Salvia Bonfire	$2.25	$0.25
Salvia splendens	.90	.20
Stocks, dwarf 10 weeks	2.75	.25
Verbena, mammoth	1.00	.20
Begonia, Vulcan and Vernon		.25
Petunia fim. grandiflora		.50
Petunia fim. grandiflora, double		1.00

W. C. Beckert, Allegheny, Pa.

COLORADO EVERGREEN SEED. Abies concolor, A. Douglasii, A. grandis, Picea Engelmanni, P. pungens, Pinus artistata, P. ponderosa, P. flexilus, 25c trade pkt.; the 8 packets postpaid, $1.50. Our seed is gathered at an altitude from 7,000 to 10,000 ft. and produces trees of extreme hardiness. Our P. pungens seed is gathered from the bluest trees in Colorado.
D. S. Grimes & Son, 3032 West 32nd Ave., Denver, Colo.

Choice hollyhock seeds. We offer superb, single, separate colors, 8 kinds, 90c per oz.; superb, single colors, 8 kinds mixed, 80c per oz.; double hollyhocks in 6 separate colors, 90c per oz.; double hollyhocks, 6 varieties mixed, 80c per oz. Hollyhocks, strong, field plants, double colors, $5.00 per 100; strong, field plants, single colors, $5.00 per 100. Cash with order, please.
John Charlton & Sons, Rochester, N. Y.

Aster seed. Upright White Branching, trade pkt., 25c; Queen of the Market, separate colors, trade pkt., 10c; Vick's Branching, separate colors, trade pkt., 10c; Semple's Pink Branching, trade pkt., 10c; White Branching Comet, trade pkt., 20c; Purity, trade pkt., 25c; and many other of the best asters for florists' use. Send for price list.
Vick & Hill Co., Box 613, Rochester, N. Y.

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CLEMATIS PANICULATA SEED.
Grown at our FLORACROFT TRIAL GROUNDS, trade packet, 10c; per ounce, 40c; per lb., $3.50. Write for special quotations on quantity.
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Seed of BENTHEY'S two grand NEW ASTERS is now ready. Price: Trade pkt., $1.00; ¼ oz., $2.50; ½ oz., $4.50; 1 oz., $8.00. Write us for full information.
BENTHEY-COATSWORTH CO., 35 Randolph St., Chicago.

Asparagus plumosus nanus seed, new crop, greenhouse grown, best germination, 100 seeds, 60c; 1000 seeds, $4.50. In stock—begonias, gloxinias, gladioli, tuberoses, etc. Send list of wants.
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New crop ASTER SEED. Our strains are procured from the leading specialists in Europe and America. For varieties and prices see our display adv. in last issue. If you haven't received our wholesale list for florists, we shall be pleased to send you one.
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Carlson improved aster seed, pure strain; recognized as the leading aster for cut stock; no disease; no yellows. Early White, Late White, Shell Pink, Lavender, trade pkt., 25c; ¼ oz., 50c; oz., $1.50. Order early to insure getting all colors.
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Seeds. Hollyhocks in 10 best varieties, all double; delphiniums in 12 varieties; Dianthus barbatus, auricula flowering; Veronica longifolia; digitalis, in great variety; Lobelia cardinalis; Lobelia syphylitica, blue. Write for trade prices. Single trade packet, 10c.
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HIGH-GRADE SEED. We offer a special price on Asparagus plumosus nanus seed, fresh from the greenhouses. We guarantee it to be absolutely fresh. 100 seeds, 75c; 1000 seeds, $5.00. Special price on large quantities.
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DREER'S RELIABLE SWEET PEA seed for florists. See display adv. in this issue for a partial list of varieties, or write us for our wholesale price list for complete line of FLORISTS' FLOWER SEEDS.
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The new aster, KATE LOCK, is the finest aster in existence; blooms are 5 to 6-in. in diameter, full center, with stems 36 to 43 in. long. Price: $2.00 1000 seeds. Colors: White Daybreak, and mixed.
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We carry a full line of flower seeds for florists. Always fresh and true to name. See display adv. in this issue for a partial list of varieties and prices, or write us for our spring list, just out.
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Seeds of the best single dahlias, choice single petunias, and true early cosmos. These seeds were grown and collected for florists' use. Trade pkt., 25c; 5 for $1.00.
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We are the largest wholesale and retail seed corn growers in the world; also carry a full line of flower and garden seeds. Write for our catalogue.
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Asparagus plumosus nanus seed, our own growing, just ripening on selected plants. 100 seeds, 50c; 500 seeds, $2.00; 1000 seeds, $4.00.
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We have the cream of the novelties of the season, and all the standard sorts. Strains especially selected for critical florists.
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If you want fine Mexican seeds, see adv. under heading Mexican Plants and Seeds. Mexican beans, "Frijoles," Cobaeas, etc.
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Seed growers: Sweet, field and pop corn, cucumber, melon and squash seed. Write us before placing your contracts.
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Asparagus plumosus nanus seed, new crop, $3.00 per 1000. Smilax seed, $1.00 per lb. Cash with order.
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Rawson's mammoth verbenas, unrivaled for size, beauty and variety of colors, ¼ oz., 30c; oz., $1.00.
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Growers and Wholesale Merchants.
Leading Onion Set Growers.
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Asparagus plumosus nanus seed, home-grown, plump, prepaid, 50c 100; $4.00 1000.
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Asparagus plumosus nanus seed, greenhouse grown, $4.50 1000.
S. S. Pennock, Philadelphia, Pa.

Wholesale price list of seeds for florists and market gardeners.
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Asparagus seeds, 50c 100, $4.00 1000; 5000 for $18.75. Wm. F. Kasting, Buffalo, N. Y.

Asparagus plumosus nanus seed, new crop, 50c 100, $4.00 1000. Edw. Teas, Joplin, Mo.

Asparagus plumosus seed, 60c 100; $5.00 1000.
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Shamrock. Something new. From cemetery of Downpatrick in Ireland. Plants from 2½-in. pots, 60c doz., by mail; $4.00 per 100; $35.00 per 1000. 250 at 1000 rate. Cash with order. Order early, as stock is limited.
J. D. Harcourt's Son, Wappingers Falls, N. Y.

Irish shamrocks, grow from cuttings; very strong and fine; will be just right for St. Patrick's day. Price: $4.00 100, or 60c doz. by mail. John F. Rupp, Shiremanstown, Pa.

Irish shamrocks, $4.00 per 100; 60c per doz., by mail. S. T. Danley, Macomb, Ill.

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50,000 thoroughbred strawberry plants in 20 kinds, true to name; not low-priced stuff, but extra fine and strong, $1.00 per 100; half price by the 1000. Cash, or will exchange for H. P. roses.
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Smilax, good heavy strings, 6 to 8 ft. long. 10c per string; $9.00 per 100. Cash.
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Smilax, 10,000 strong, bushy stock, 2½-in., $1.00 per 100; $9.00 per 1000.
J. C. Schmidt Co., Bristol, Pa.

Smilax from seed bed, 25c per 100; $2.00 per 1000, postage paid.
Harvey B. Snow, Camden, New York.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

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Spiraea japonica, $4.00 100; compacta multiflora, $5.00 100; Washington and Gladstone, $12.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Spiraea clumps.
A. Rolker & Sons, 31 Barclay St., N. Y.

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Stevia, variegated, 2¼-in. pots, $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

STOCKS.

Stocks, nice strong plants from 2½-in. pots. Princess Alice, white; Beauty of Nice, pink, will make nice pot plants for Easter, $2.00 per 100. Cash, please, or C. O. D.
A. Relyea & Son, Poughkeepsie, N. Y.

Ten weeks' stocks. White, cut-and-come-again, and blood-red, transplanted, 6 to 8 leaves, 75c 100, $7.00 1000.
Converse Greenhouses, Webster, Mass.

Stocks, double white, for Easter, $1.00 100. $8.00 1000.
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Cut-leaf, stag-horn sumach, large stock, 10c to 15c. Edw. Teas, Joplin, Mo.

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CABBAGE—Early and Flat Dutch, Succession, L. I. Second Early, Jersey Wakefield, etc., 25c per 100, $1.00 per 1000, $8.50 per 10,000.
LETTUCE—Big Boston, Boston Market and Grand Rapids, 25c per 100, $1.00 per 1000.
PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.
TOMATOES—Lorillard, seed bed plants, 50c per 100, postpaid; 2¼-in. pots, 40c per doz., $2.00 per 100.
Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Page 670, Review. Improved Lorillard tomatoes planted on all poorly paying benches will pay well this spring. Fine plants from 2½-in. pots, $2.00 a 100. Cash, please.
Roney Bros., West Grove, Pa.

Asparagus, Conover's, per 1000, $2.50; rhubarb, $2.50 per 100; horse-radish, 50c per 100; strong roots.
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Lettuce plants, Grand Rapids and Boston Market, $1.00 per 1000; $4.00 per 5,000.
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Verbenas, 60 varieties. The largest and finest stock in the country, healthy, no rust. Rooted cuttings, 60c 100; $5.00 1000; plants, 2½-in. pots, $2.50 100; $20.00 1000.
J. L. Dillon, Bloomsburg, Pa.

Verbena rooted cuttings, 30 var., 60c 100, $5.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Lemon verbena rooted cuttings, $1.00 100. Cash, please.
Critchell's, Avondale, Cincinnati, Ohio.

Verbenas, white, purple and scarlet; separate, $2.00 100.
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Vinca variegata, strong, 3-in., plenty of leads, ready for a shift, $4.00 per 100; 3½-in., 6c. Cash. W. J. Engle, R. D. 8, Dayton, Ohio.

Vinca maj. var., 2½-in., $2.00 per 100; rooted cuttings from soil, $1.00 per 100. Cash.
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Vinca variegata, rooted cuttings, $1.50 100. 5% discount for cash with order.
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Vincas. Rooted cuttings of Vinca major variegata, $1.00 per 100.
Vick & Hill Co., Box 613, Rochester, N. Y.

Vinca variegated R. C. 90c 100.
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Vinca variegata, 3-in., $5.00 100.
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Lady Campbell violets, strong sand and soil stock. Prices on application.
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Marie Louise, 1-yr., strong roots, 2c, prepaid. Gem Nursery, Los Gatos, Cal.

We make a specialty of violets. Write
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Aquilegia (columbine), single mixed, 2¼-in.; Gaillardia grand., 2¼-in., plumbago, blue, white, 3-in. pots, $3.00 100. Maranta massangeana, 2¼-in., $4.00 100. Swainsona alba and rosea, 2¼-in., $2.00 100; $17.50 1000. Holt's Mammoth sage, $2.00 100; $15.00 1000. Sweet Williams, double mixed, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Rex begonias and primroses, 3-in., in bloom, 75c doz., $7.00 100; geraniums, mixed; Mme. Salleroi; feverfew, Marguerites, Vinca var., smilax, Asparagus Sprengeri, and flowering begonias, 2¼-in., 40c doz., $2.00 100.
Harmon & Henderson, Iola, Kan.

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To Exchange—Heliotropes, rose geraniums, verbenas, 2 and 3-in.; Sprengeri, 3½-in., fine; 50,000 cannas, 20,000 tuberoses, all first-class stock and cheap, for 2-in. pot roses, geraniums, mums, carnations, gladioli, or, what have you? If there is any trade in you, write us.
Greenville Nursery & Floral Co., Greenville, Tex.

To Exchange—Dracaena indivisa, all sizes; Centaureas gymnocarpa and montana, 2-in., for carnation rooted cuttings and 2-in. geraniums.
G. F. Braybon, Kent, O.

To Exchange—Strawberry plants, 20 choice kinds, true to name, for H. P. roses.
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Coleus rooted cuttings and bushy 3-in. plants, for 3 or 4-in. plumosus or Sprengeri.
O. B. Wisner, 2476 Cherry St., Toledo, O.

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Hopkins & Hopkins, Chepachet, R. I.

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Wanted—Ferns and palms, or other salable plants. Must be bargains. We can handle large quantities of good stock if prices are right. Alpha Floral Co., Kansas City, Mo.

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Fancy and dagger ferns; laurel, loose or by the yard. Balsam brush for making balsam pillows. Write for prices.
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Fancy and dagger ferns, laurel festooning, ground pine, sphagnum moss, etc.
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Fancy and dagger ferns, evergreens, etc., Good stock, low prices.
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All decorative evergreens, galax, leucothoe, mosses, etc.
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Galax, ferns and leucothoe sprays are our specialties.
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Fancy and dagger ferns, galax leaves, etc.
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Leucothoe sprays and hardy cut ferns.
C. E. Critchell, 36 E. 3d St., Cincinnati, O.

Fancy and dagger ferns, smilax, etc.
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For southern wild smilax write
Caldwell The Woodsman Co., Evergreen, Ala.

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SHEEP MANURE. Pulverized and free from all adulteration. In bags, $18.00 per ton; special price on carload lots in bulk.
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Wax flowers and wax floral designs.
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Wax flowers and wax floral designs.
Jos. G. Neidinger, 1226 Poplar St., Phila.

GALAX LEAVES.

Bronze and green galax leaves, postage prepaid, 75c per 1000. Small green leaves for violets. Cash, please. H. H. Hill, Victoria, Macon Co., North Carolina.

Green galax, assorted sizes, price and quality guaranteed.
C. N. Burleson & Son, Linville, N. C.

Galax, bronze or green, and small green galax for violets.
L. J. Kreshover, 110 W. 27th St., New York.

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A. J. Fellouris, 468 Sixth Ave., New York.

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N. Lecakes & Co., 53 W. 28th St., New York.

GALAX LEAVES, green or bronze.
Crowl Fern Co., Millington, Mass.

GALAX LEAVES, green or bronze.
H. M. Robinson & Co., 11 Province St., Boston.

Galax leaves, green or bronze.
A. L. Fortunes, New Haven, Conn.

Galax, bronze and green.
C. E. Critchell, 36 E. 3d St., Cincinnati, O.

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Large stock of greenhouse sizes on hand. Write for prices; no order too large for us to handle, no order too small to receive our careful attention.
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We carry the largest stock of glass in this country. Glass for greenhouses is our specialty.
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We make a special greenhouse putty. Price on application. Lord & Burnham Co., Irvington-on-Hudson, N. Y.

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Greenhouse glass a specialty. Sprague, Smith Co., 205 Randolph St., Chicago.

Advertisers have learned from experience that
THE REVIEW
PAYS
BEST.

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Siebert's zinc "Never-rust" glazing points. Sold by all seedsmen, or C. T. Siebert, Pittsburg, Pa.

The "Model" glazing point. Zinc. Practical. Durable.
Parker-Bruen Mfg. Co., Harrison, N. J.

Peerless glazing points are the best.
H. A. Dreer, Philadelphia, Pa.

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ANCHOR BRAND of greenhouse hose is THE hose for florists.
Mineralized Rubber Co., 18 Cliff St., New York.

HUNT'S TYPHOON. This hose is the product of careful study which greenhouse usage has demonstrated on various kinds of materials. It is durable, heavy and yet pliable and will stand hard usage.
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200 feet, 7 ply..... 26.50
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Bulldog 7-ply hose, fully guaranteed 16c ft. U. Cutler Ryerson, 108 3rd Ave., Newark, N. J.

Good hose. J. G. & A. Esler, Saddle River, N. J.

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A 5-lb. trial package of our TOBACCO POWDER will cost you nothing if you will pay the express charges on it. Write Department D for it. H. A. Stoothoff Co., 116 West St., N.Y.

To-bak-ine is the most effective insecticide on the market. Write for our "Words of Wisdom." It is free.
E. H. Hunt, 76 Wabash Ave., Chicago.

NICO-FUME tobacco paper insecticide by far the best. For sale by seedsmen. Manufactured by
Kentucky Tobacco Product Co., Louisville, Ky.

NICOTICIDE kills all greenhouse pests.
Tobacco Warehousing and Trading Co., 1004-1006 Magnolia Ave., Louisville, Ky.

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The Clipper lawn mower is the best mower on the market. If not for sale by your dealer write Clipper Lawn Mower Co., Dixon, Ill.

The CHEAPEST way, the EASIEST way, and the BEST WAY to get rid of that surplus stock is to use the REVIEW'S classified advs.

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Orchid peat for immediate delivery. Special price on rotted peat for one month. Write at once. C. W. Brownell & Co., Walden, N. Y.

Orchid peat and leaf mold always on hand.
Lager & Hurrell, Summit, N. J.

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PATTON'S SUN-PROOF PAINT is the best paint made. We are the sole distributers. Write us.
Pittsburg Plate Glass Co., Pittsburg, Pa.

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Cypress and oak tubs. We manufacture all sizes. Write for prices.
Bobbink & Atkins, Nurserymen and Florists, Rutherford, N. J.

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Kramer's pot hangers. Neat, simple, practical. Write.
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Standard Flower Pots. If your greenhouses are within 500 miles of the Capital, write us; we can save you money. W. H. Ernest, 28th and M. Sts., N. E., Washington, D. C.

Flower Pots. Before buying write us for prices. Geo. Keller & Sons, 361-363 Herndon St. (near Wrightwood Ave.), Chicago.

Standard Pots. Catalogues and price lists furnished on application.
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SYRACUSE POTTERY CO., Syracuse, N. Y.

Red pots. Write for prices and sample pot.
Colesburg Pottery Co., Colesburg, Iowa.

RED POTS. Standard pots at bottom figures.
Harrison Pottery, Harrison, Ohio.

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Raffia. Samples free if you mention The Review. Large assortment of colors.
R. H. Comey Co., Camden, N. J.

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Manufacturers Linenoid Seamless Trunks and Boxes for shipping Cut flowers. Send for price list.

SPHAGNUM MOSS.

Sphagnum moss, large bale, $1.75 each; by freight, $2.00.
L. J. Kreshover, 110-112 W. 27th St., N. Y.

Live sphagnum moss and orchid peat always on hand. Lager & Hurrell, Summit, N. J.

Sphagnum moss. Write for prices on large quantities. Crowl Fern Co., Millington, Mass.

Sphagnum moss. Write for prices.
H. M. Robinson & Co., 11 Province St., Boston.

An offer of your surplus stock, placed in THE REVIEW'S classified advs., will be seen by nearly every buyer in the trade.

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Tin Foil—Plain, violet and rose.
John J. Crooke Co., 155 Ave. D, N. Y.

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F. G. Borden, Milton, Wis.

Fresh tobacco stems, bale of 300 lbs., $1.50.
W. C. Beckert, Allegheny, Pa.

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Wired toothpicks, 10,000, $1.50; 50,000, $6.25. Sample free. For sale by dealers.
W. J. COWEE, Berlin, N. Y.

"The Classified Advs. bring big returns" is the verdict of the advertisers.

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Thaden's wire tendrils and twin stakes for carnations, roses, etc.
H. Thaden & Co., 472 W. Hunter St., Atlanta, Ga.

Model Extension carnation supports; also galvanized rose stakes and tying wire.
Igoe Bros., 226 North 9th St., Brooklyn, N. Y.

Model Extension carnation supports.
Parker-Bruen Mfg. Co., Harrison, N. J.

WIRE WORK.

We are the largest manufacturers of wire work in the west. E. F. Winterson Co.,
45, 47, 49 Wabash Ave., Chicago.

Reed & Keller, 122 W. 25th St., New York.
Manufacturers of Wire Designs.

Wire work of all kinds. Write me.
Wm. Murphy, Wholesale Florist, Cincinnati, O.

E. H. Hunt, 76-78 Wabash Ave., Chicago.

CAUSES OF FLOWERS DOUBLING.

The botanists find the doubling of flowers a somewhat hard nut to crack. There are several forms of doubling, one of the most common being found in the multiplication of petals. But when the inducing causes of doubling are considered there is ample opportunity for speculation. In a general manner, the causes assigned by physiologists, or the plans. proposed by cultivators are reducible to three heads—namely, plethora, starvation, and sterility. As Dr. Masters stated many years ago, these three seem inconsistent one with the other, but are not so much so as they appear at first sight to be. The advocates of the plethora theory have much in their favor; for instance, the greater frequency of double flowers among cultivated plants than among wild ones, says the Horticultural Trade Journal. Dr. Seemaun brought out the facts of the great preponderance of double flowers in plants derived from the northern hemisphere, when contrasted with those from the southern. Cases have been known of debility or starvation having the effect of changing flowers to the double form; but then it has had a contrary effect also, as a case has been mentioned of a double-flowered thorn producing single blossoms from this cause. Mr. Darwin makes mention of a state of things which brings about sterility or imperfect formation of the flower, leading to a consequent increase of the petaline element, either in the form of an increased number of bracts, petals, etc., or in the substitution of petals for stamers and pistils.

It is said that the way in which double stocks are produced in Erfurt, Germany, is by giving the plants a minimum supply of water. This much appears to be certain that when once the disposition to form double flowers is established from any cause, that tendency becomes hereditary; there are races of stocks in which out of hundreds of plants scarcely one double flowered form is met with; this is particularly the case with the Giant Brompton, and especially so in the case of the White Giant; on the other hand, where the tendency is set up, single flowers become the exception.

MOVED THOUSANDS QUICK.

Please discontinue our rose adv. in your paper; roses all sold. You have moved thousands for us quick.

C. Akehurst & Son.

White Marsh, Md.

BETTER THAN EVER.

We would like to say that our advertisement in the Review for the last three months is paying us even better than it ever did; it reaches our customers. California Carnation Co.

Loomis, Cal.

MENTION US TO ADVERTISERS.

One cannot be anything but pleased with the Review; the Special Number was a "beaut." Anything I can do to push a good thing along I will do with pleasure. H. P. Loding.

Mobile, Ala.

Pumping Engines
FOR
Florists and Gardeners
They use gas or gasoline for fuel.
THE STANDARD PUMP AND ENGINE CO.,
CLEVELAND, - OHIO.



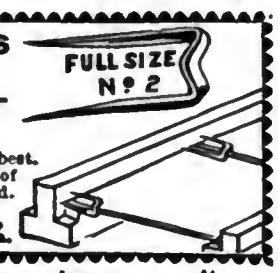
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Tobacco Stems
60c per 100 lbs.
in bales of 200 to 250 lbs.
Write for special prices on carload lots.
F. G. BORDEN,
Dealer in Leaf Tobacco. MILTON, WIS.
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SIEBERT'S ZINC
Never Rust
Glazing Points
ARE POSITIVELY THE BEST. LAST FOREVER. Over 16,000 pounds now in use. A sure preventive of glass slipping. Effective on large or small glass. Easy to drive. Easy to extract. Two sizes, ⅝ and ⅞, 40c per lb.; by mail 16c extra; 7 lbs. for $2.50; 15 lbs. for $5.00 by express. For sale by the trade.
CHAS. T. SIEBERT, Sta. B., Pittsburg, Pa.
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Holds Glass Firmly
See the Point
PEERLESS
Glazing Points are the best. No rights or lefts. Box of 1,000 points 75 cts. postpaid.
HENRY A. DREER,
714 Chestnut St., Phila., Pa.



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If you want a Good Hose
Send your order for **BULL DOG,** 7 ply 16c. per foot,
Fully guaranteed, to
U. CUTLER RYERSON, 108 Third Ave., NEWARK, N. J
Mention The Review when you write.
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Automatic Greenhouse VENTILATORS
From $25.00 up. Send for circular.
The Safety Automatic Ventilator and Heat Regulator Co, Lake George, N. Y.
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TOBACCO-PAPER INSECTICIDE
BY FAR THE BEST.



FOR SALE BY SEEDSMEN
24 sheets, 75c; 144 sheets, $3.50; 288 sheets, $6.50. (only 2¼c each).
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Preventing Loss by Evaporation.
Mfd. by KENTUCKY TOBACCO PRODUCT CO.
Louisville, Ky.
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STYLE D.
Rings the Bell
When the houses get too Cool or too Warm.
Cost very low, easily installed, perfect in operation, set at any temperature desired. Insures sound sleep and may save a big loss at any time.
The Thermostat is dust-proof and durable. Write for prices and full particulars.
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77-79 Summer St., Boston, Mass.
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Machines for Misting, Spraying, White Washing, from $3.50 to $20. Send for catalogue.
Dayton Supply Co., Dayton, Ohio.

PEERLESS SULPHUR BLOWER.
"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago.
McMORRAN & CO., 15-21 N. Clinton St., CHICAGO, ILL.

See What the Originators of the Great Richmond Rose say of

TO-BAK-INE PRODUCTS

The E. G. Hill Co.,

Wholesale Florists.

Richmond, Indiana, Nov. 18, 1904.

Mr. E. H. Hunt,
76-78 Wabash Av.,
Chicago, Ill.

Dear Sir:-

Owing to my absence from the city, your inquiry of Nov. 10th remains unanswered. Will say in response, we have used the To-bak-ine Products-Paper, Liquid and Powder,-and consider them all the best of their respective kinds that we have ever used.

Yours very truly,

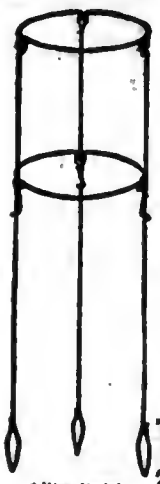
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Foreman.

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Carnation Supports



2 Ring Model.

Be sure you buy

"The Model"

Used by successful growers everywhere.

"The Model" Glazing Tack.

Especially adapted for greenhouses.



Florists' Specialties.

Write for booklet "F."

The Parker-Bruen Mfg. Co., Inc.

206-8 Jersey St., Harrison N. J.

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WATERPROOF. Corner Lock Style.

The best, strongest and neatest folding Cut Flower Box ever made. **Cheap. Durable.** To try them once is to use them always.

Size No. 0..	3x4 x20...	$2 00	per 100;	$19 00	per 1000
" No. 1 ...	3x4½x16...	1 90	"	17.50	"
" No. 2....	3x6x 8.....	2 00	"	19 00	"
" No. 3....	4x8x18.....	2.50	"	23.00	"
" No. 4 ...	3x5x24	2.75	"	6.00	"
" No. 5....	4x8x22.....	3.00	"	.50	"
" No. 6....	4x8x28	3.75	"	.00	"
" No. 7 ..	6x16x20....	5 50	"	.00	"
" No. 8....	3x7x21	3 00	"	50	"
" No. 9 ...	5x10x35....	6.50	"	62 00	"
" No. 10...	7x20x20....	7 50	"	67 00	"
" No. 11...	3½x5x30...	3 00	"	28 50	"

Sample free on application. No charge for printing on orders above 250 boxes. Terms cash.

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Send for catalogue. Get the best.

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Catalogues

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Florists' Review

When Writing Advertisers.

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Price with wire chain, as shown in cut, **$1.00** per dozen by express. Sample dozen by mail, **$1.25.**

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CEDAR RAPIDS, IA.

For Sale by WHOLESALE SEEDS MEN, FLORISTS and SUPPLY DEALERS.

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The Fumigator Kind Tobacco Powder

All That Use It Say—"THERE IS ONLY ONE."

A FREE trial five-pound bag will cost you nothing more than the express charges on it. The trial bag will prove our assertion that it is the most effective, cleanest and quickest as well as the cheapest (10 cents per 100-foot house) article to fumigate with. All aphis killed in one night—our booklet tells of it; we mail one on request.

THE H. A. STOOTHOFF COMPANY, Tobacco Powder Hobbyists, 116, 117, 118 West St., New York

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PLAN FOR HEATING.

I have a house, even span, east and west, 24x100 feet, twelve feet six inches to the ridge, side walls five feet high, containing twenty inches of glass. On the north side is a lean-to from the eaves, of six-foot sash. The house, containing three five-foot center benches, is to be used for carnations and the lean-to for violets. Using hot water, how many lines of 1¼-inch pipes will be required, the house being tight but somewhat exposed and subject to the weather of western New York? How large a flow is needed and what is the best arrangement of the system? The boiler will be below the lowest point in the piping. Using steam what piping would be required? What is meant by hot water under pressure? L. C. S.

The house 24x100 will require twenty-one runs of 1¼-inch pipe arranged along the side walls and under the benches, or entirely under the benches, to heat it to 60 degrees during severe weather with hot water at 180 degrees. It should have a 3½-inch flow pipe to supply these pipes. A good system would be to run a 3½-inch riser under the ridge with a rise toward the far end of the house and there divide into 2-inch branches to supply a coil under each of the three benches, i. e., three coils of seven pipes each. The coils should have a fall from the far end of the house towards the boiler of at least twelve inches in the 100 feet. To heat this house with steam the riser can be reduced to 2½-inch and the twenty-one pipes replaced by sixteen of the same size. The riser should fall in the opposite direction for steam, however. The lean-to house, if provided with a 2-inch riser and four 1¼-inch returns, should provide 50 degrees during severe weather with hot water. If steam is used a 2-inch riser and three 1¼-inch pipes should do the work.

Hot water under pressure is the system of using small malleable pipes, such as above mentioned, and using an expansion tank of good size located twelve to twenty feet above the returns in the houses. In the above described hot water system a 1-inch pipe should connect with the main return near the boiler and rise as nearly vertical as possible to a height of fifteen feet or more. If necessary, build a cupola on the boiler-house to accommodate the expansion tank and use a tank with fifty gallons capacity. L. C. C.

LUMBER.

—FOR—

GREENHOUSE BENCHES

Ship Lap, Drop Siding, Sheathing, Flooring, White Cedar Posts, Etc.

We are in a special position to furnish

"Pecky Cypress"

EVERYTHING IN PINE AND HEMLOCK BUILDING LUMBER

—Write for Prices—

ADAM SCHILLO LUMBER CO.

Cor. Weed St. and Hawthorne Ave., **CHICAGO**

Telephone North 1626 and 1627.

Clipper Lawn Mower Co. DIXON, ILL.



The Mower

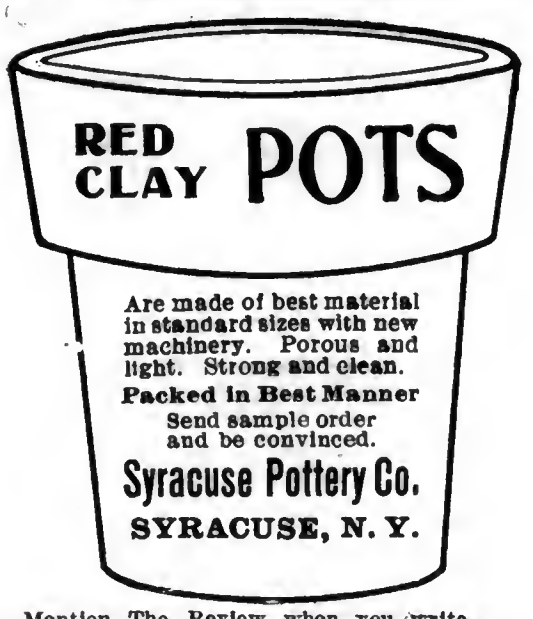
that will **Kill all the Weeds in your Lawn.** If you keep the weeds cut so they do not go to seed and cut your grass without breaking the small feeders of roots, the grass will become thick and the weeds will disappear.

The Clipper will do it. Ask your dealer for them. If they have not got them, below is the price: No. 1—12-in. Mower, $5; No. 2—15-in. Mower, $6; No. 3—18-in. Mower, $7; No. 4—21-in. Mower, $8. Send draft, money-order or reg. letter.

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"NICOTICIDE"

KILLS BUGS

TOBACCO WAREHOUSING & TRADING CO.
LOUISVILLE, KENTUCKY.

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HITCHINGS & CO.

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GREENHOUSE BUILDERS

Hot Water Boilers, Pipes, Fittings and Ventilating Apparatus

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TRADE MARK REGISTERED

The Standard of Excellence

C. C. B. POCAHONTAS SMOKELESS COAL
TRADE MARK REGISTERED

A Symbol of Quality

Our registered Trade-Mark covering **THE CELEBRATED C. C. B. POCAHONTAS SMOKELESS COAL** corresponds to the Sterling Stamp on silver, as the United States Geological Survey has made it **The Standard for grading all Steam Fuel.**

C. C. B. POCAHONTAS SMOKELESS

Is the only American Coal that has been officially indorsed by the Governments of Great Britain, Germany and Austria and is the favorite fuel with the United States Navy, which has used it almost exclusively for many years. **Unequalled for the Generation of Steam and Domestic Purposes.**

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Old Colony Building, Chicago, Ill.
126 State Street, Boston, Mass.

C. C. B. Pocahontas Smokeless Coal
Main Office: Arcade Bldg., 1 South 15th Street, Philadelphia, Pennsylvania.

Branch Offices
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Terry Building, Roanoke, Vt.
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A place where new and old material for the complete erection or repairing of

GREENHOUSES

.....can be procured in.....

Exchange for Cash

Economical florists get our prices on Glass, Boilers, Ventilating Apparatus, Fittings, Pipe, White Lead, Paint, Putty, Hotbed Sash, Etc.

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That is from the

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CHICAGO
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We also make Hot-bed sash.
Illustrated catalogue sent free!

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WM. S. HARMAN

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Patent Iron Bench Fittings and Roof Supports.

Ventilating Apparatus,
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New Roof Construction, Automatic Stokers, Water Tube Steam Boiler, Automatic and Hand Ventilators.

NORTH TONAWANDA, N. Y.

32 CHURCH ST., TORONTO, ONT.

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High-Grade BOILERS

Get our Catalogue **For GREENHOUSES**

STEAM AND HOT WATER.

GIBLIN & CO., Utica, N. Y

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RED STANDARD POTS.

Price per 1000, f. o. b. Harrison: 2-in., $2.25; 2¼-in., $2.70; 2½-in., $3.25; 3-in., $4.25; 3½-in., $5.50; 4-in., $6.80; 5-in., $11.00; 6-in., $18.00. Cash must accompany order.

HARRISON POTTERY, Harrison, Ohio.

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THE FLORISTS' REVIEW

G. L. GRANT, Editor and Manager.

PUBLISHED EVERY THURSDAY BY

THE FLORISTS' PUBLISHING CO.

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334 Dearborn Street, Chicago.

New York Office:
Borough Park.....Brooklyn, N. Y.
J. Austin Shaw, Manager.
Tel. 861 W. Bay Ridge.

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Advertising rates: Per inch, $1.00; ⅛-page, $15; full page, $30. Discounts: 6 times, 5 per cent; 13 times, 10 per cent; 26 times, 20 per cent; 52 times, 30 per cent. Discounts allowed only on consecutive insertions. Only strictly trade advertising accepted. Advertisements must reach us by Wednesday morning to insure insertion in the issue of the following Thursday, and earlier will be better.

Entered at the Chicago post-office as mail matter of the second class.

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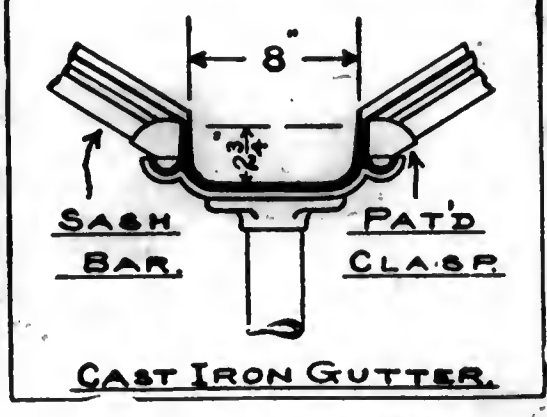
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THE WEEKLY

FLORISTS' REVIEW

A JOURNAL FOR FLORISTS, SEEDSMEN AND NURSERYMEN.

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Vol. XV. CHICAGO AND NEW YORK, FEBRUARY 23, 1905. No. 378.

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20-inch stem	3 00 to 4 00
15-inch stem	2 00 to 2 50
12-inch stem	1 50
Short stem	75 to 1 00
	Per 100
BRIDES	$5 00 to $10 00
BRIDESMAIDS	5 00 to 10 00
GOLDEN GATES	5 00 to 10 00
METEORS	5 00 to 10 00

	Per 100
LIBERTIES	$6 00 to $15 00
CARNATIONS, ordinary	1 50 to 2 00
" fancy	3 00 to 4 00
VIOLETS	50 to 1 00
CALLAS, doz., $1 50-$2 00	
JONQUILS	3 00 to 4 00
DAFFODILS	3 00 to 4 00
ROMANS	4 00
VALLEY	2 00 to 4 00
FREESIA	3 00 to 4 00
MIGNONETTE	4 00 to 6 00

	Per 100
HARRISII	$1 75 to $2 doz.
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ASPARAGUS, strings	50 00
" Sprengeri	2 00 to 5 00
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	Per 100	1000
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	Per 100	1000
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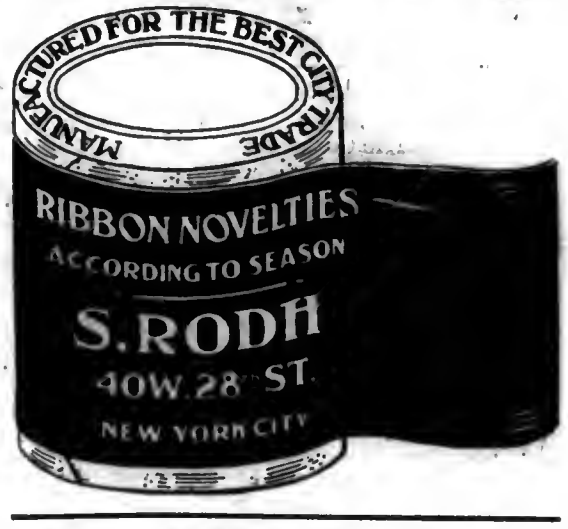
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MISCELLANEOUS SEASONABLE HINTS.

Keep Easter Stock Cool.

We shall soon be studying out the right time to get in various plants for the big event, Easter. To those who have been forcing plants for years for this occasion I give no hint except to remind them that Easter is very late and, after this steady, hard winter, it is more than likely we should get an early, bright spring, although I don't aspire to be a weather prophet, for they are "without honor" both at home and abroad.

Azaleas of nearly all varieties must be kept very cool. A north house, where the direct sun will never reach them, is a great help in retarding them, as well as a low temperature. If kept now, and for another month, almost dormant, three or four weeks will be plenty of time to give them in a light house and moderate temperature. The bright and perhaps warm days of April are sure to make them jump.

Pyrus Japonica will want about four weeks in the house. This is a very attractive plant when well flowered, but it is difficult to get plants well prepared for forcing.

Various Shrubs.

We have been rather late more than once with Deutzia gracilis. Give it six weeks in a night temperature of 50 to 55 degrees. Lilacs you are forcing right along and they are particularly well set with buds this year. For Easter, four weeks in the greenhouse will be plenty of time for them. A well-flowered Marie Legraye is a beautiful plant and we find our customers know enough to prefer a plant that has some blossoms fully out and some buds to open, as they do with the azalea.

The rhododendrons differ in earliness. Those swelling their buds must be kept cold and shaded but those showing no signs of starting, and the buds small and tight, can be got into a warmer house, for these varieties come along slowly. The hardy deciduous azaleas, known as the Ghent hybrid varieties, are not as generally grown as they deserve. With a little decorating with ribbons, etc., we find they sell well. They give us shades of orange and pink and clear yellow not found in any other of our forcing plants and are a mass of blossom. Considering the season, one month will bring them into flower from the cold frame.

Now all these plants, which are really hardy shrubs, should receive a thorough watering when first potted up or brought into the houses and never allowed to get dry afterwards; also, they should be sprayed at least once a day until the flowers are open. The syringing is an important item.

Lemon Verbena.

This is a good time to start up this old favorite. In every mixed border of plants there ought to be some lemon verbena. Plants that have been under the bench, dormant but not dried out, will, if cut back to sound wood and put into heat and kept sprayed, give you any quantity of young, tender growths, which root as easily as a coleus providing you keep the sand well saturated. I knew there is a prejudice against the old-fashioned hotbed and I am almost afraid to mention it, yet how many of our plants will thrive and grow in them as no up-to-date steam-heated greenhouse can make them, and the lemon verbena is particularly one of them.

The Lantana.

The lantana is another plant that should be started now. We give it the same treatment, a little shortening of last summer's growth, and with heat and moisture soon get young growths that root readily. This is not a showy, high-colored bedding plant, yet most pleasing. In the almost forgotten but good old Pan-American there was a bed of lantanas shown by Henry A. Dreer Co. The variety was called Robert Craig and there were few flower beds more admired on the grounds.

Petunias.

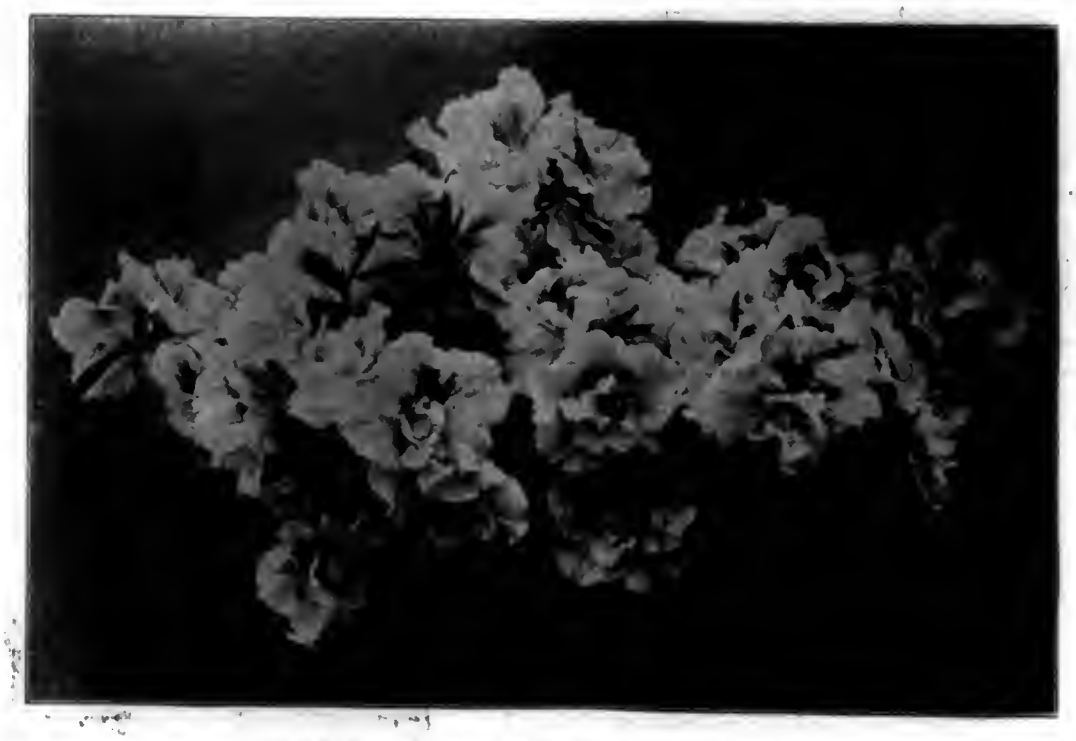
Your seedlings are now, or shortly will be, advanced enough to prick out into flats or pots. I much prefer pots for these very small, soft plants, as there is less danger of their damping off if over-watered. We use a 2½-inch or 3-inch pot. Make the soil moderately firm and then strike it off level with the rim of the pot. With a fine pointed stick, transplant the little seedlings, five or six plants around the edge of the pot and three or four in the center. Put the pots in the full light and as near the glass as you can. When they begin to crowd it is time to pot them singly in 2½-inch pots if you intend to sell them by the dozen. If you want them for bedding orders they are just as well put into flats, two inches apart. They will never feel the transplanting into the flower beds any more than a pansy. What a lot of cheap bedding plants can be grown in flats quite as well and at half the cost and labor of fussing with little pots! The verbenas, alternantheras, petunias, Begonia Vernon and several others can be transplanted just as well as from pots as we do all our asters and other so-called hardy annuals.

Light or Air.

I mentioned just now to put these petunias "near the glass." We have contended heretofore that there was as much light ten feet from the glass as there was ten inches away and on the middle bench of a light house there is certainly perfect light. Yet what is there that conduces to a healthy, vigorous growth, especially in winter, with plants on a shelf near the glass? It is not merely perfect light. It must be the pure, fresh atmosphere they breathe in the upper part of the house. The heavier, denser and more impure atmosphere remains near the ground and this sometimes makes me skeptical of our low benches or solid beds for such important plants as the rose and carnation. When ventilation can be given daily and freely there may be little difference in the atmosphere in any part of the house, but in the winter, when the opportunity to ventilate is very infrequent, and then only to a small degree, there must be a difference and it is greatly to the advantage of the plants well above the ground.

Lady Washington Geranium.

The show pelargoniums will soon want the last shift. How fashions have changed! Thirty years ago these were most popular of plants and honored with the title of Lady Washington. If they could return to favor they might be rechristened Lady Lawson or Lady Rockefeller. We keep them over winter in 3-inch pots, not growing much because they should be kept on the dry side and not higher than a night temperature of 45 degrees. You can shift them now into 6-inch pots. Use rather rough, unsifted loam with a fifth of rotten manure and make the new soil firm. Give them the lightest bench and not over 50 degrees at night. Greenfly is their greatest enemy and tobacco stems



The Indian Azalea as it Should be Flowered.

among the pots will save a good deal of fumigating. We will always have the greatest respect for these good old pelargoniums, for they were instrumental more than any other plant in our owning our first greenhouse.

Salvia Splendens.

Don't fail to get up a good big stock of some free flowering variety of Salvia splendens. More and more every year these plants are in demand. There is something about the brilliant flowers that harmonizes with the autumn tint of our fields and foliage and you feel a glow of warmth when looking at a bank of the scarlet sage. It is so easily propagated and grown nothing need be said, only keep the red spider away by frequent syringing. WILLIAM SCOTT.

THE RETAIL FLORIST.....

BASKET ARRANGEMENTS.—II.

In today's pictures we have styles of baskets entirely different from the types shown in the issue for February 9. Instead of the high arched handle, there are in No. 1 two low circular handles, which, when brought together, reduce the center space and throw the flowers up and out toward the ends, and in No. 2, stationary handles lengthen the appearance of the basket and add grace to its severe outline.

The first study is a soft raffia basket about ten inches long, suitable for suspending in front of a mirror, under a chandelier over a table, either alone for a small table, or in a cluster for a long table, or for a child to carry at a wedding. A larger basket of the same style might be used by a maid of honor or bridesmaid for the same occasion. As presented here the basket is a get-ready-quick, loose arrangement, intended to last a day or an evening, but it is an open question whether flowers without sphagnum packing and stemming do not last equally well with those which are laboriously prepared by the old processes. The amount of water which the stems absorb from the sphagnum, which must be too dry to drip, cannot be considerable. If stock is well filled by standing over night, at least several hours in water, it will remain fresh out of water for a period long enough for almost any social occasion. The advantages gained are time, a little material, and a more natural effect of arrangement.

Some material, however, must be used for a filler which will also serve for a foliage effect. In this case a coil of stiff Asparagus Sprengeri fills the body of the basket and throws out its tip end to the left above the handles. Three or four sprays are added extending toward the edge of the basket one through the handles sideways. Wire these short sprays to the center coil. Three or four sprays are added extending towards the edge of the basket and one through the handles sideways. Fasten the latter sprays to a handle of the basket with a single wrapping, and you have secured the filling in place.

Then, with the center of the basket as a starting point, fasten the sprays of hyacinths to the strong Sprengeri. It is best to wrap most of them, by a turn or two of fine wire, to the Sprengeri and let them fall over the green background whichever way they naturally incline. They must not all take a downward turn, however. Set a cluster upright, as seen a little to the right of the center, and let a few short-stemmed hyacinths be placed so as to come out under the handles sidewise. Care should be taken to follow and develop the shape of the basket, which is oblong. Equally long clusters should not be allowed to hang out at the side, as is shown from the illustration, where the long sprays fall out from the ends, and from the center toward the ends.

In order to have a gracefully filled basket one must have a well shaped basket to start with, and must keep within the lines of the outline to get the best results. In other words, enlarge and develop the idea of the maker of the basket with the filling.

The most desirable results to be obtained from publishing illustrations of this kind and describing so minutely the process of construction is not that somebody shall copy these designs to their smallest details, but rather that the principles of design and construction may be discovered, described and studied for succeeding occasions. If one can learn how to fill one basket correctly and gracefully he will probably be able to meet the next emergency equally well, and even though some other law is involved in the correct arrangement of the second, it can be more easily discovered and worked out on account of a previous study having been thoroughly made. The two principles laid down by this illustration are, therefore, conformity to the shape of the basket or frame of the design, and a common source or center from which to start all stems or lines.

The second study is a more complicated design, but more simple of construction. It is a low, olive green, rattan basket, rectangular in form, with triple circular handles on the end. The body of the basket is filled with violets in two low dishes of water. The basket is about twelve inches long and requires 300 violets to fill after this style. A small cluster of violets is thrown over the handles on the right and wired over the drapery of light green embroidered chiffon. This chiffon is drawn through the handles there and allowed to fall loosely across the front of the basket and is finally caught on the handles to the left with the long end hanging. Around the edges of the basket the longer violets are drawn out as far as possible against the drapery. Then, starting with the drapery on the right are La Detroit roses thrown to the left across the corner of the basket.

One of the best elements of a floral design can never appear in a photograph, and that is the coloring, but it will not be difficult in this case to see the color scheme in the mind's eye. Violet, crimson pink and light green describe it fully.

This basket is suitable for a low centerpiece and can be filled with sphagnum in the usual way. Stem the violets in clusters of six or a dozen on whole picks. See that the upper ends of the picks run well in under the green covering of the sphagnum. Wood ferns are the best covering. Insert the stemmed violets in clumps to look like live plants. This is a series of bunches like the simple bunch of the hyacinths in No. 1, which was remarked upon as illustrating the principle that all lines and stems of a design should spring, or appear to spring, from a common source. All the space between the clumps need not be filled closely; allow patches of the background to appear here and there. Following the same



Suspended Basket of Roman Hyacinths.



Basket of Violets and Roses Trimmed With Chiffon.

law, start the stems of the roses and the bud from the same point on the right handle. Pull a few long stemmed violets across the rose stems and the design is complete. GERTRUDE BLAIR.

TUBEROUS ROOTED BEGONIAS.

Do tuberous begonias do well in this country, or is it too hot in this section (Indiana) for them to grow to perfection? When ought they be planted to have good plants at bedding out time? H. D. S.

In western New York, which is certainly a cool section of the continent, these begonias are fine bedding plants. We have seen beds of them in our public parks that surpassed any geranium in brilliancy of color and in varied form of flower, and many shades were most fascinating. The REVIEW illustrated last summer at least two beds of these plants. One was very close to the writer's front door and was a great success. People walking along would simply glance at a bed of cannas or geraniums, but they would come to a full stop opposite the begonias.

The begonias are aristocracy compared to most of our other bedding plants. It is not necessary but with us begonias are benefited by partial shade, not behind a wall or building or directly beneath a tree, but say by a tree some distance to the south of them that would shade from the noon sun. We believe, however, that Indiana has a much warmer climate and more bright hot sunshine and that partial shade would be an essential. Watering has much to do with success. Make the bed almost level and then you can water thoroughly by running the hose between the plants and give the bed a soaking twice a week in hot, dry weather. This sprinkling the bed daily and its not soaking in more than half an inch is simply an abomination and aggravation, especially to these begonias.

I think failure with these plants has often occurred because they were too much grown inside and felt the change from, perhaps, a shaded bench to the sun and wind outside. I don't know when you bed out tender plants, in Indiana perhaps by the middle of May; we can't plant with safety before June 1. About April 1 we put the begonia bulbs in flats of sandy soil mixed with leaf-mold or very rotten manure. If placed over some hot water pipes they soon start and should be given a light place on the bench. We pot them about May 1 into 3-inch or 3½-inch pots and plunge in a very mild hotbed. Here they grow rapidly, but stout and robust, and by the middle of the month we can remove the sash and let them be exposed to sun and air and by planting out time they feel no change. For an interesting pretty bed, all colors and double and single varieties mixed is the thing to please. The single flowers, however, make the greatest show. W. S.

STEVIA.

I have a stevia which does not bloom until February 1 to 15. In the same greenhouse Stevia variegata blooms December 1 or sooner. It seems impossible to make the other come earlier. The kind seems to be Stevia serrata. I am compelled to keep the plants in the house all the time here in Alabama because outside zero is more than they will stand. F. J. U.

If the species is S. serrata it flowers in the north in December and by keeping very cool after showing flower it is most useful as a cheap flower at Christmas. There is in the query some mention about zero. Surely there is no zero in Alabama. This stevia, although a cold blooded plant, will not endure a single degree of frost. Perhaps our chilly October days arrest growth and induce flower, while the balmy October, November and perhaps December of the sunny south encourage growth and hinder the great function of reproduction, which is flowering. The variegated form of S. serrata may flower earlier from the fact that it is variegated and therefore less vigorous in growth.

We plant out the small plants of this stevia the end of May and lift before there is danger of frost. If you were to grow them entirely in pots, as we used to do years ago, and starve them for root room, it would likely induce them to flower a month earlier. Send me a spray of leaf and flower.

WILLIAM SCOTT.

STANDARD SIZES OF PLANTS.

I was much interested in the effort to secure the adoption of some sort of a measure of quality of plants at the last convention of the S. A. F. The society seems to have shelved the problem as one impossible of solution.

Some sort of a measure of quality more definite than size of pot and adjectives is certainly much to be desired, both by those who buy and those having stock of good quality to sell, and it seems to me that the matter did not receive at St. Louis the consideration to which its importance entitled it. Why not invite a discussion of the subject in the REVIEW? I believe that the combined wisdom of the thoughtful members of the trade could evolve some sort of a scale or classification that would be a vast improvement on present methods, even if not as exact and complete as to be wished. W. E. S.

[We shall be pleased to hear from any one who has a suggestion to make along the lines indicated. The determination of a rational standard for the designation of sizes of stock is certainly devoutly to be wished for. How can it be done?—ED.]

FREESIAS.

Will freesias bloom from seed in four months? I see in some of the catalogues that they will. As we have never grown any we would like to know what W. S. thinks about it. I have his Manual, but he does not say anything about growing them from seed. We have a bench here 4x95 and if we were to plant the bulbs in it next fall how many could we plant in a bench of that size? Will they grow in boxes four inches deep in good earth? My idea is to put the boxes on the bench and, after they have bloomed, take the boxes off and plant something else on the bench. Will they grow that way? R. & S.

We have never raised these bulbs from seed. It is possible they may send up a flower spike from the strongest bulbs the first year, but we doubt it, and you most assuredly could not depend on these seedlings for a crop. The bulbs or, more properly, corms, are sold to us so cheap that it would be folly for us in the northern states to go into

raising our own bulbs. The bulbs are produced in France, also in Bermuda and California.

A bench 4x95 would hold an enormous lot of bulbs and without going into the number it would be far more, if all flowered at once, than any market would demand, as they can be planted three inches apart in the rows and five inches between rows.

There is no better plan than the one you suggest, viz., to put the bulbs in boxes of convenient size and four inches deep. Then a moderate amount of bench room will be sufficient to force thousands of these pretty flowers. You can cut freesias at Christmas and on to June by making plantings from August to February. The earliest can be started in frames. These bulbs do not want covering, as do tulips and hyacinths. Be careful not to keep the soil too wet before active growth begins. It is no very severe forcing we give the freesia, therefore, after the flower is cut and the plants dried off, the bulbs can be grown again the following winter.

W. S.



CARNATION NOTES.—EAST.

Topping Young Stock.

On the care taken with the work of topping depends the shapeliness of the plant at housing time and it goes without saying that the first top is an all important one inasmuch as it has a direct bearing on the neck of the plant. If topped too low there will be scarcely any neck; if too high, the result will be a top-heavy plant, very liable to be troublesome in the field.

Of course we cannot produce plants as near alike as peas in a pod, but a little preliminary thought and exercise of care will do much to encourage evenness and symmetry in growth. You will find this desirable when housing, and particularly so if desirous of disposing of the surplus.

Some varieties have a natural disposition to form neat, bushy specimens, but there are those of the "let me lay down" sort, Daybreak and White Cloud, for instance, which, if carelessly topped at the start, give no end of trouble by their persistent sprawling.

Like many other operations there is a proper way and time to top. Above all things do not pull out the center of a plant to induce branching. Besides being a barbarous custom it leaves a lodging place for moisture. Allow growth to continue until you can see signs of the formation of a stem between the lower three or four joints; then it is time to top. Use a sharp knife, making a clean, smooth cut that will heal quickly. Breaking with a quick snap is liable to take more than intended and gouging off with the thumb nail leaves an ugly wound.

Opinions differ somewhat as to the point at which to cut, and rightly so, as different varieties need treatment to conform with their natural habit of growth. As a rule trim-growing sorts should be cut just above the fourth joint; those of sprawly habit, a joint lower. As an experiment I have cut White Cloud, leaving but two joints, with the result that we lifted extra fine shaped plants.

The advantage of having stock in pots will be apparent when topping, as these can be set aside and kept a trifle dry until the new growth appears.

If you transfer stock from pots to flats or repot as occasion requires, remember not to top and at once repot or transfer. Allow time for roots to adjust themselves.

At no time can young plants be allowed to suffer for water if for no other reason than that this treatment hardens the stem and retards branching.

Keep the plants cool, which will induce sturdy, short-jointed growth, which is the foundation of shapely plants.

Do not worry about the plants be-



A. C. Brown.

ing too small if kept cool. It is not so much the size we want for some time yet as it is a vigorous look.

Geo. S. Osborn.

CROP FOR EASTER.

We have a house of carnations of the following kinds: Lawson, Francis Joost, White Cloud and Queen Louise. They have been giving a good crop of flowers since December 1, but are now going off crop. How shall we handle them from now on to get another crop for Easter? They are at this time full of nice, strong breaks, about the size of good cuttings, or in other words shoots from two to four inches long and over. We have been keeping the night temperature at 52 to 56 degrees. We gave them a sprinkling of ashes of tobacco stems three days ago and scratched it in and intend to give a watering of liquid sheep manure. Is this right?

S. F. P.

I would not advise you to feed your carnations liquid until the flower stems have begun to set buds. You will do far better to give them a mulch of half-rotted cow manure an inch thick or a half inch of sheep manure and soil mixed, about half and half. While the plants are between crops they are not in shape to stand much feeding. You would find that Queen Louise especially would sicken and turn yellow. After they get into a vigorous growth you can feed them with safety. Easter comes very late this year, the last part of April, and you should have no trouble in getting another crop on by that time without raising the temperature. Just do all you can to promote a strong, sturdy growth, so the cut will be high grade.

A. F. J. Baur.

AMERICAN CARNATION SOCIETY.

Department of Registration.

F. H. Kramer, Washington, D. C., registers Carnation F. H. Kramer, a cross between Lawson and Marquis, color a shade brighter than Lawson, flower a trifle larger, with no short stems in the fall and does not burst; in growth it is stronger than any carnation we have grown and is entirely free from disease, a continuous bloomer and stems stand without support.

Albert M. Herr, Sec'y.

A USEFUL PLOW.

In one of the recent issues I saw a statement I cannot now find, in regard to a hillside plow. Can you tell me where they are manufactured? J. A. F.

Almost any implement dealer ought to be able to get you one of those hillside plows. Ours came from the Gale Manufacturing Co., at Albion, Mich. You will wonder how you got along without it so long, after you have used it a season. I might add that this plow is not as good for breaking up new ground as the regulation breaking plow, as it does not turn the soil as well when it is lumpy. A. F. J. Baur.

A GROWER'S IDEA OF STEM-ROT.

[A paper by Wm. Weber, of Oakland, Md., read before the New York Florists' Club on Carnation Night, February 13.]

In accepting the invitation of your secretary to read a paper here tonight, I judged that in the absence of a definite subject being assigned to me, I was free to take up any part or parts I might choose. I have therefore sought to avoid rehearsing the old story, beginning with the taking of the cuttings and winding up with their ultimate end when the torch is applied somewhat more than a year later.

In attempting to discuss the subject of cutting bench fungus or stem-rot, it is not my intention or wish to lock horns with any of our brethren who are studying these subjects from a scientific standpoint. We need the aid of the experiment stations and scientific men; we have been benefited much as a result of



House of Lawson at A. C. Brown's, Springfield, Ill.

their labors and we look forward to their aid in disposing of the various vexing problems which are constantly besetting us, but I believe that our friends, the professors, being only human, are apt to err just as we ordinary growers are apt to do.

Fungi, a Cause or a Condition?

Prof. Hasselbring, in his paper read recently before the American Carnation Society in session at Chicago, stated that fungi in every instance are the prime cause of disease, not the condition. Now I doubt if any successful grower who has given the subject any serious consideration will corroborate Prof. Hasselbring's statement. If he told us that typhoid, smallpox, etc., were first causes and not the result of conditions he would be arguing along the same lines. But let us see how his theory stands when compared with what I believe are the actual facts in the case.

We will start at the cutting bench, say with a full bench of sound, healthy cuttings, recently placed in new sand. I maintain the idea that during the rooting process cuttings not only do not require direct sunlight, but even strong light, such as will penetrate ordinary newspapers with the sun shining directly upon it, is far from beneficial. You will see at a glance, then, that I am an ardent adherent of the north-side propagating house for carnations.

But to illustrate why fungus appears let us imagine our bench of cuttings is in a house admitting the sun's rays at all hours, but especially during mid-day. During cloudy weather it is not difficult to maintain an even temperature of about 50 to 60 degrees, but during bright weather it is not so easy. Of course the glass may be shaded, but much heat will generate just the same, and it is quite easy for the temperature to go above the danger point, which is 60 to 65 degrees, depending somewhat upon the conditions.

Effect of Light and Heat.

Under the influence of strong light and added heat, plants throw off the moisture collected during the night and a wilting ensues. This process is equivalent to exercise in the animal family, but we don't expect infants to take strong nourishment and vigorous exercise, and we must act accordingly with our cuttings. When we give heat and light in sufficient quantities to cause this wilting process, evaporation takes place out of all proportion to the cutting's vitality and ability to withstand the drain. One good experience like this will start the ball rolling. Cuttings here and there, or whole batches, have a shriveled appearance and refuse to thoroughly freshen up; it will not be long then before an examination will disclose the presence of fungus around the stems, which will kill the cuttings quickly or slowly, according to the temperature maintained.

We advocate the north-side propagating house because of its easier management. The direct rays of the sun are kept out during most of the propagating season, but sufficient light is admitted for all purposes. The only time we experience difficulty at all is when the high south partition or wall no longer excludes the sun's rays, when greater vigilance is necessary. However, even then the sun's rays strike the glass at a very extreme angle and we do not suffer in proportion as we used to before we adopted the north side.

Clear Sand Not Necessary.

We have found it unnecessary to have clear sharp sand; in fact, we consider that a distinct drawback. The inability to secure sharp sand in our section soon taught us this lesson. We all know that for the first few weeks the cutting is obliged to subsist upon its own vitality, and while the process of rooting is going on, a gradual hardening of the stem takes place, and if allowed to remain in sharp sand long after they become rooted, we say they are woody. This is a frequent cause for stem-rot developing in the plants later on, and usually produces the slow process of rotting unless conditions very favorable to the growth of fungi exist, when wholesale dying will result.

This does not occur with cuttings rooted in sand containing some loam, decayed leaves, twigs, etc., such as we find along the banks of any small stream which overflows at various times of the year, depositing the sand, leaves, twigs, etc., mixed with some of the fat of the land, a very fine loam.

The nourishment contained in sand of this kind, while very mild, is very nourishing to young cuttings just putting out their first tiny rootlets, and from this moment on they begin to stop hardening at the stem, and grow, instead of getting woody and laying the foundation for various stages of stem-rot to crop out later on.

With our system of propagation it takes about six weeks during mid-winter to thoroughly root a batch of cuttings, and during this time they are watered about six times, four times during the first two weeks. After they are callused they are kept increasingly dryer until they are quite dry when ready to plant in soil or pot up. This drying process we find necessary to counteract the absence of sunlight.

I do not wish to infer that good results are not obtainable in a propagating house admitting the direct rays of the sun, but the point I would make, is that the chances for unfavorable conditions to arise are much greater as compared with the north-side house.

Any Check Causes Stem-Rot.

Any check sustained by the plants after being removed from the cutting bench, such as getting extremely dry in flats or pots, will result in producing that hard woody condition in the base of the plant; and every grower knows how plants so treated will at best die a lingering death. Many plants more or less affected in this way find their way into the field, which is responsible for much of the stem-rot found there. Deep planting and imperfect drainage are also large contributors to stem-rot.

A couple of years ago we began our field planting, as is our custom, about May 15. The soil was quite dry, but there were indications of rain; however, the rain did not come, and on the third day we were obliged to water the plants by hand. The bright sun and a strong



The Left Bench is Enchantress at A. C. Brown's.

wind, however, had already sapped out all of the moisture the plants could muster; consequently quite a few never revived, some only partially revived, and others kept dying from time to time throughout the summer, and even after they were housed. Perhaps a week later we had plenty of rain but those planted in the dry ground without being watered until the third day kept on dying just the same, while those planted after the rain, and those watered as they were planted, did not suffer.

Rot Enters at Surface.

Just a word concerning the theory advanced by Prof. Hasselbring that the fungus enters the plant through the roots. I have never yet been led to believe this could be the case and, instead, I have invariably noticed that the fungus operates upon the surface of the sand or soil, and any dead roots are the result of curtailed breathing of the plant through a loss of foliage. The same thing happens if we use the pruning shears too freely upon our roses or other growing plants. A portion of the roots die through a lack of something to do.

We have all noticed young plants and even old plants carried off by quick rot just at the surface of the soil, and some time later see numerous small new growths coming out of the old stem, indicating that the old root is still alive, and doing away with the idea that the disease enters the plant by way of the roots. The slow form of stem-rot would too far. We can cite many illustrations of this kind.

We have also noticed that plants partially affected with stem-rot have lived for months, and in the meantime produced a partial crop of good blooms. We do not attribute this entirely to the resistant power of the plant, to the disease, but rather to the absence of favorable conditions for the growth of the fungus.

I am willing to go on record as differing with Prof. Hasselbring that the fungi are the prime cause of disease. In my humble opinion they are the effect, and conditions unfavorable to plant life and favorable to the rapid growth of the fungi are the immediate causes. In other words, the fungi bear the same relation to vegetable matter that the green bottle fly and its larva do to carrion—nature's method of disposing of dead matter where sufficient moisture and heat exist to make the growth of these organisms possible.

The proof of Mr. Weber's paper was submitted to Prof. Hasselbring, at the University of Chicago, when he made the following comment:

There still seems to be some misconception regarding stem-rot. This disease is *caused* by a fungus known as Fusarium. Unfavorable conditions may predispose plants to attacks of the fungus, but if the fungus is not present no condition of light, heat or moisture can produce stem-rot. These are not speculative considerations, but experimental facts. H. Hasselbring.



House of Bride Roses at A. C. Brown's, Springfield, Ill.

AT ILLINOIS' CAPITAL.

Springfield, the capital city of Illinois, is rather out of the beaten track and we do not hear as much of the florists there as we do of some in smaller places and doing less business. Springfield is a city of upwards of 40,000 people and there are several nice ranges of glass and some rather good stuff grown in them. There are nearly a dozen places and every one of them worth a visit. Nearly all are located on the outskirts, so that one gets a chance to see the city in going from one to the other. In summer it is a very pleasant trip but just now there is more snow on the ground than in many years previous.

One of the largest and best kept places is that of a bright eyed, quick witted young woman, Miss Bell Miller, whose business ability is not less than her personal popularity. A widely known place is that of the W. T. Buckley Co., which does a large wholesale plant business. The late Louis Unverzagt did a good trade and Carl Rauth, David Wirth, H. L. Phelps, and Wm. Bierstadt & Son are each keeping up with the procession.

One of the ranges which has attracted most local attention of late is that of A. C. Brown. A year ago Mr. Brown was located practically in the center of the city but last season he undertook the very large task of moving to a new stand a mile farther out. For many years Mr. Brown had been a partner of A. C. Canfield. When they separated each continued in business for himself Mr. Canfield has a large and growing place in the south part of town and grows cut flowers for the St. Louis market. Mr. Brown retails most of what he produces at his store on South Fifth street, so that the old partners can hardly be said to be in competition.

Mr. Brown's new plant is a modern one and already there are preparations for extending it in the spring. Two ninety horse-power boilers lie just outside the boiler room and inside are two of eighty horse-power in operation. Roses and carnations are grown in considerable quantity and violets have done so well this season that more will be

indeed, give this impression, but knowing the facts as already stated, I believe this view to be erroneous. Cutting bench fungus and stem-rot will cease when the conditions favoring its growth cease, and not before.

No Immunity in Prospect.

It is true that some varieties are carried off much quicker than others, but this does not indicate that we may hope for varieties which will remain immune under conditions favorable to the growth of fungi, but rather that those varieties of a rather soft or fleshy nature, such as Daybreak, Uncle John, Flora Hill, Enchantress and others similarly constituted, need special care. As a rule such varieties must be kept a little dryer than those of a more firm and solid growth.

While there is no hope of ridding a plant of the disease when once attacked, I know that in the case of valuable plants, such as first year seedlings, cuttings may be taken with entire safety, providing the disease has not progressed



Plant House at A. C. Brown's, Springfield, Ill.

grown another year. Quite a number of pot plants are grown for use at the store. The roses have done well but were necessarily late planted because of the rebuilding. The carnations were also benched late but have done well, Lawson, Enchantress, Boston Market and Mrs. Nelson looking especially fine. Nelson Fisher and Mrs. Patten will be grown more extensively another season. There will then be two more large houses, one for carnations and one for roses. There are already six houses, five 315 feet long and one 160 feet long. The houses run east and west on a side hill with a gentle slope to the south. The steam main runs across the center of the range in a tunnel. The heating system works perfectly and was installed by the foreman, Wm. P. Marshall, who is seen in the accompanying illustration of the bench of Enchantress carnations. Mr. Marshall is a graduate of Peter Fisher's school of carnation growing and got his training on roses under Alex. Montgomery. He planted his carnations from pots in June. He has not had ten per cent split Lawsons this season and will grow Mr. Fisher's varieties and some others indoors next season, being well satisfied with results. One of the pictures shows Mr. Brown in a rose house. Just at present he's in Mexico. In the picture showing the Begonia Gloire de Lorraine and the Bostons is David Nolan, the plant grower.



PROPAGATING FOR EXHIBITIONS.

It is not too early to begin thinking about propagating the chrysanthemum cuttings, for many of the best exhibition growers already have their cuttings rooted. February propagation is none too early for many varieties, particularly those of dwarf habit, Merza, Nellie Pockett, Cheltoni and W. R. Church furnishing good examples of the varieties referred to. If one has lots of headroom any of the kinds may be rooted now and grown right along with advantage but in such a case one must have twelve feet of head room, clear above the bench, which is not often provided for. I saw Timothy Eaton last year over twelve feet high with flowers of enormous size, showing the good effects of a long growing season. The idea that one can strike cuttings in June and get just as good flowers from them as though the cuttings were rooted in February is now proven beyond question to be wrong.

The grower for commercial flowers only does not need to bother yet awhile, excepting in the case of new or scarce varieties, which it may be desired to increase considerably. These may be rooted and when the young plant has made sufficient growth it can be topped and the cutting rooted. This operation may be repeated several times without much injury to the stock if done properly and the plants carefully handled.

When the cuttings are rooted they should be potted up at once and kept in a cold house, and by being rooted I mean when the young roots are half an inch long. It is a great mistake to leave cuttings in the sand until the roots are five or six inches long and the top all drawn up and spindly. Such a condition as this will cause a severe check to the plant at the commencement of its career, and that spindly, hide-bound cutting never catches up to its stronger, better cared for neighbor.

It occasionally happens, after a batch of cuttings have been potted up, that they will run to bud instead of making a clean good growth. Every spring I hear more or less of this trouble and, noticing a batch of plants yesterday that were budding when they should be growing, reminded me that some beginner may shortly be worrying because his plants were doing the same thing. This disposition to run to bud instead of growth shoots may proceed from several causes. First, some varieties are "built" that way, W. R. Church being a bad offender with me at any season of the year, and, secondly, improper selection of cuttings will at times be the cause.

The ideal cutting is the sucker that comes through the ground and is about two inches or so in length. When cuttings are taken from the stem of the plant or when the suckers are allowed to run up a foot or so in height before being topped, they very frequently run to bud after rooting. Another thing that will cause cuttings to make bud is permitting them to get too dry and wilted in the sand and before they are rooted. A chrysanthemum cutting should never be allowed to wilt down but should be kept well watered in the sand and frequently sprayed, also, if the day is warm. If it is dried out a time or two the cutting gets too hard and dry to root and will very frequently make a small, abortive bud and never root at all, or in such a feeble, half-hearted way that it is useless.

This drying of the shoot causing a bud to appear is a useful hint to the grower if he cares to take advantage of it. In August if the plants are running too high and no sign of a bud showing, by drying off the plants a few times the tissues of the tender growth harden and a bud will result which might otherwise not have appeared for some time. It will thus be seen that while man may not be able to make the mum do just as he wants it to, he can by watching its peculiarities come reasonably close to it.

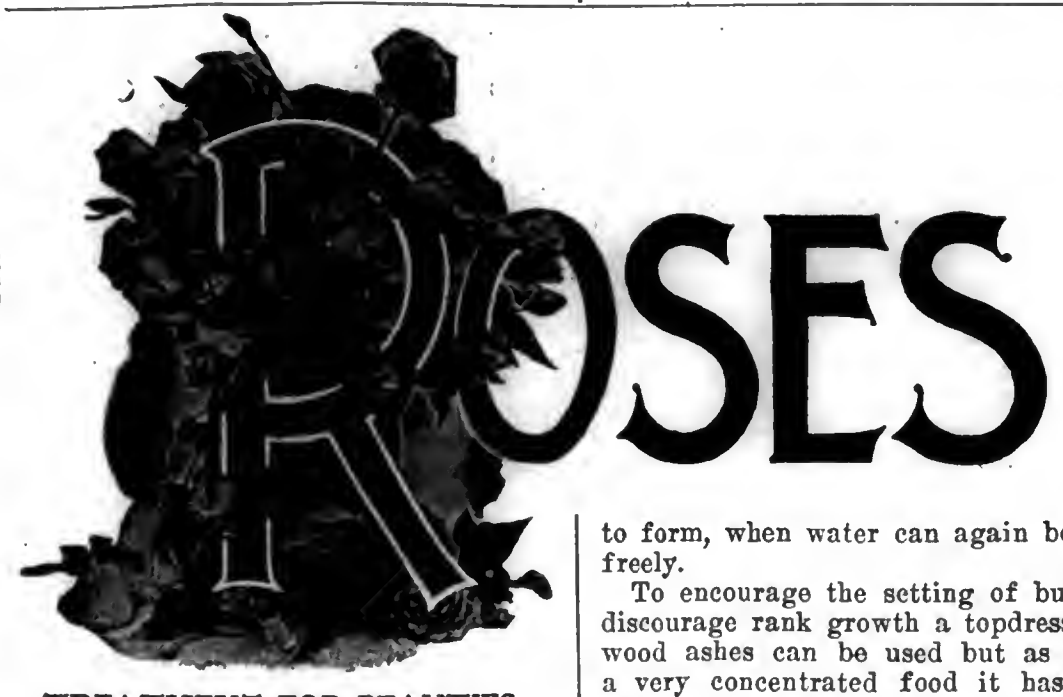
CHARLES H. TOTTY.

THE BETTER CUTTING.

Will you please tell me if I take a chrysanthemum cutting and root it now, then later on take the top off and root it, which is the better plant for exhibition purposes? E. L.

The remarks on propagating, in this issue, bear somewhat on this query since the writer will notice that I recommend February propagation for the slower growing varieties. It is largely a matter of head room. It has been proven that, all other things being equal, a cutting rooted in February or March produces a deeper, more solid flower than will a cutting rooted in June, since it has so much longer to grow and mature. Either of the cuttings would produce equally good flowers if properly cared for, the fact of one being a top from the other being immaterial.

CHARLES H. TOTTY.



TREATMENT FOR BEAUTIES.

When there is a protracted period of dull weather Beauties are inclined to run to wood rather than forming flower buds and to stop or prevent this condition requires a deal of skill and careful watching. Great care must be taken not to give too much water, as this encourages the habit, and still greater care is needed not to feed too liberally, especially with nitrogenous matter. As a prevention they should be run on the dry side until the flower buds begin to form, when water can again be given freely.

To encourage the setting of buds and discourage rank growth a topdressing of wood ashes can be used but as this is a very concentrated food it has to be used sparingly at first application, one bushel being sufficient for 300 square feet of bench. This can be alternated every three or four weeks by an application of bone meal and as the days lengthen the quantity can be gradually increased.

I have frequently under such conditions used liquid ammonia with success but as this chemical is very quick in its action it requires to be used with caution. For a first application, one gallon of ammonia diluted with seventy-

five gallons of water is about the strength that can be used with safety, and only on bright days, once in two weeks.

As the plants get accustomed to this class of food the strength can be gradually increased till the proportion would be one gallon of ammonia to fifty gallons of water.

With the advance of spring, growth will naturally become rank and greater care and attention should be given to keeping the stems neatly tied up, so that they may not become crooked, which greatly detracts from their value.

If the foliage becomes too dense, shutting out the light from the surface of the soil, a judicious thinning of the foliage close to the bench is beneficial, as this allows a free passage of air allowing the leaves to become dry by sundown and has a tendency to prevent black spot and other troubles. RIBES.

AVERAGE PRODUCTION.

How much should 600 Brides and Maids produce from November 1 to May 1, plants that were benched in June and reached the height of three feet by November 1, free of mildew? We plant 15x15 inches and carry at a night temperature of 56 to 58 degrees, with 65 to 70 degrees on cloudy days and 75 to 80 degrees on bright days. C. L.

Roses planted in June and skilfully handled should produce during the period stated an average of twenty-seven blooms per plant, including all grades. In some soils they can be made to do even better than this. RIBES.

TEMPERATURE.

We would like to know the temperature required for gaining the best results in growing American Beauties and also for Brides and Bridesmaids. V.

The most suitable temperature for Brides and Maids is 56 degrees during the night. Day temperature can range from 62 degrees during cloudy weather to 80 degrees in bright sunshine. Beauties give best results at 58 to 60 degrees night temperature, with much the same temperature as Brides and Maids during the day.

These figures are not arbitrary, as many growers produce good stock at higher temperatures than this, but the conservative grower who studies the general health of his stock will find that by abiding by these figures and ventilating judiciously good results will follow. RIBES.

CARRYING STOCK OVER.

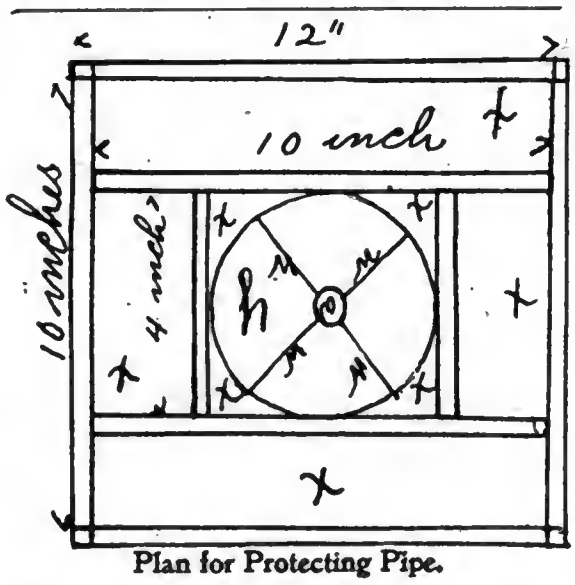
This is only my second winter as a florist and consequently I don't "know it all" as yet, though I have had fair success with my carnations and roses. What I want to know is this: Could I carry over my roses for another year by drying off in June and then simply water once or twice a week till August, prune, remove part of the soil, replacing with new compost, and start afresh? Of course by omitting daily syringing, the red spider would come, but would not this be removed in great part by the pruning? I have other things to attend to in the summer and can do no work in the greenhouse. Could I get some young stock in June, teas and Beauties, repot in 6-inch and plunge to the rims outdoors, mulching to keep moist, and plant in the benches in August? My rose house is only a small one, and I want to start up in the fall with as little expense as possible. F. D. B.

These roses can be carried over another season with good results by the method suggested. The greatest care has to be taken in the drying off process, so that the young wood and foliage must never be allowed to wilt, nor must spider be allowed to destroy the leaves, as these are quite as essential to the well-being of the plant at this period as at any other time.

Seeing that you cannot attend to the houses during summer, the plan you suggest may succeed with young stock but the care and work required would be more than young stock would need if planted in the bench and cared for in the usual manner and good results by the latter method would be more certain. RIBES.

TO PROTECT WATER PIPES.

In telling how to protect water pipes from freezing I am speaking from actual experience with a 60-foot standpipe under a tank and also with another tank only thirty-two feet high. Both of these pipes are 1½-inch. We tried several methods, and found the present plan entirely satisfactory. It may seem at first rather expensive, but such a job to be improperly done is much more expensive, as we have found by experience. The diagram will show just how we do it. Make a 4-inch pipe of heavy galvanized iron in sections like stove pipe,



Plan for Protecting Pipe.

each made to slip over the next. Every second section should have four copper wires run through holes in the pipe on four sides and opposite to each other and the wire soldered on the outside, also solder the holes up tight. As you put each section on fasten these wires so the water pipe is in the middle of the galvanized pipe. If inconvenient to disconnect your water pipe to slip these pipes over the top, then crimp and fasten at top and bottom with small short stove bolts, screw heads on the outside. Then put the boards on as shown in the diagram. Be sure always to break joints. Do not wrap the pipes with anything; leave them bare. Paper and asbestos get wet in summer and freeze in winter. Do not try to keep the water from freezing in the pipes by letting water run through them; it will not work under most conditions. Unless the water is very warm in the tank it will form ice and freeze quicker running than if not running. If you have a windmill to supply the water by letting the water run and also the mill you will be all right, but any other kind of a supply will not be satisfactory. I use a gasoline engine and pump every night just before going to bed for a few minutes, and had no trouble during the last severe winter. The other tank is supplied by a ram, and the water is so cold coming from the ram that it will often freeze while the ram is working. With this style of protection you have an advantage over any other method, as by setting a lamp under the box you can thaw the worst kind of a freeze out in a very short time.

The heat gets direct at the pipe, and very quickly lets the ice loose, and there is no possible danger from fire, because the iron pipes are protection. Before putting up the pipes it is best to paint them with white lead and oil, which will keep them from rusting for many years. A lamp set in this box on the severest night in the coldest climates will absolutely prevent freezing. The chimney of the lamp should be made of tin, and should be eight to ten inches long, and fit tightly through a hole in a piece of tin under the box. Brush the wick every day and put in a new wick every month. A lamp with a ½-inch wick is large enough. You will only need the lamp during extremely cold nights.

In the diagram A is the water pipe and W are wires to hold the pipe in center; circle is galvanized iron pipe four inches in diameter. Rest are one-inch boards carefully trued. Paper should be put under every joint, and two thicknesses would be better. It acts as an air-tight washer. Numerous XX represent the several dead air spaces; Y is inner dead-air space, which can be warmed when necessary.—Rural New Yorker.

SOCIETY OF AMERICAN FLORISTS.

Department of Plant Registration.

A. E. Mauff, Denver, Colo., submits for registration Nephrolepis Bostoniensis Mauffii, a sport from Nephrolepis Bostoniensis, described as a stronger grower, the fronds arching and forming a double curve; pinnæ strikingly undulating. WM. J. STEWART, Sec'y.

SOME INSECT.

Will you please let me know what to use to rid myself of this little pest? He is doing great damage to my freesias and Easter lilies. Enclosed please find sample of his carcass. G. A. D.

From the dust-like material enclosed we can recognize no enemy to our lilies or freesias or any other plant and therefore, it is useless to dilate on it. Send specimens of this pest to your state entomologist, who will, without doubt, know all about it. W. S.

ELMIRA, N. Y.—The United States Cut Flower Co. has bought 4,000 plants of Richmond and will make it its only red rose.

MUNCIE, IND.—S. Humfeld says the St. Valentine's demand for flowers was the best in years, principally for red carnations and violets.

NEW LONDON, CONN.—Since their recent fire Pratt & Giger have put their store into first-class shape and it is now one of the finest in the state.

WITH BOSTON GROWERS.

Patten & Co., Tewksbury.

Among the largest and best growers for the Boston market is the well-known firm of Patten & Co., Tewksbury, situated quite near Almont and Tewksbury Center stations on the Boston and Maine railroad. Carnations are the great specialty here; in fact, little else is handled. The houses are mostly roomy, of quite modern construction, and everything on the place is kept clean and inviting. In white varieties, Lady Bountiful looks splendid, being a mass of bloom and buds. This sort is well liked and will be retained. Mr. Patten's son says indoor culture or early lifting is necessary for best results. A batch of The Belle looked remarkably well and if Lady Bountiful were away would be considered an acquisition. White Lawson will also be grown again in quantity. As seen here it is a wonderful producer, flowers perfectly pure also. The Queen and Boston Market both looked well, the former if anything carrying the heavier crop.

Dorothy Whitney is the only yellow grown. It succeeds wonderfully well, being loaded with fine blooms. In dark pinks Lawson and Nelson Fisher are grown. The latter was better here than we have previously seen it. Mr. Patten says he will discard Lawson in favor of it next season. In light pinks Enchantress is grown in quantity and appeared invincible. Some Fair Maid are also grown, but was producing less freely than Enchantress. Quite a number of Flamingo are being grown. It will be dropped, however, not being found at all profitable. The most prolific scarlet is J. H. Manley, but it does not come up to the ideal scarlet by any means. Crusader is classed as of no value, lacking in stem and number of blooms.

Mrs. M. A. Patten, as grown here, is superb, a batch of 5,000 plants bristling with buds and blooms. The sportiveness of this variety was evidenced by a considerable batch of the pink sport, which, when it becomes reliably fixed, should be valuable. A very distinct and pleasing sport with lavender blue markings was also noted. Variegated Lawson was being propagated for another season's trial. Judge Hinsdale is not considered of much value. Sensation, while small, was of a rather pleasing color. Daheim and President are grown as crimsons, the former being the favorite, its principal fault being coming short-stemmed early in the season.

A considerable batch of seedlings are under trial, some of which are very promising. One of which a considerable batch is grown and which has recently been figured in the REVIEW is The Mikado (Roosevelt x Prosperity) the markings being deeper than in Prosperity. It has a stiff, wiry stem which holds the flowers erect and is much more floriferous than Prosperity. The propagating house was filled to repletion with excellent stock. A nice batch of Cypripedium insigne was noted. Some fine pieces of C. villosum were in flower, one carrying twenty-five flowers.

Two sons of M. A. Patten assist in the business and are equally as enthusiastic carnationists. Flowers from this establishment are handled by Thomas F. Galvin, in Boston.

Albert Roper, Tewksbury.

A short walk from Patten & Co.'s brings us to A. Roper's, a plant of considerable size. Here the well known and popular Fair Maid carnation originated. As grown by Mr. Roper it is remarkably prolific, with flowers of fine quality. Two benches, which produced so well late into the fall that it seemed too bad to throw them out, were kept over and are still covered with fine flowers. Half of one of the large houses is planted with Chester Roper, a variegated seedling from the same seed pod as Fair Maid (Lawson x Mayor Quincy) and now in its seventh year. The flower is not what can be classed as a fancy, being only of medium size. It is carried on a stiff stem and for productiveness we question if any carnation in America can equal it today. To say that the plants were smothered in bloom expresses it mildly. This variety has not hitherto been introduced, as Mr. Roper said it paid him so well to keep it in his own hands.

Flamingo will not be grown again as a scarlet. Mr. Roper has some promising scarlet seedlings he hopes to get an ideal commercial scarlet from. A good many seedlings are under trial, some of considerable merit. Mr. Roper has several from which he expects to make exhibits at the Boston carnation convention in 1906. With the exception of some Enchantress and Flamingo, practically everything grown here originated on the place. Mr. Roper sells his flowers at the new market in Boston.



M. A. Patten.

L. E. Small, Tewksbury.

Another Tewksbury grower who is coming to the front and who, during the past four year, has built up a nice, compact establishment, is L. E. Small. Carnations are the principal crop here. Lawson does well as a dark pink and will not yet be discarded. Fair Maid is equally good as a light pink. Manley is grown for a scarlet and several benches are devoted to a white seedling which has attracted favorable notice at Horticultural Hall and the public markets during the past two seasons. The flowers are of fine form, never show a trace of color and are carried on very stiff stems. Quite a batch of Variegated Lawson was noticed. It is counted a great producer and will be more largely planted next season. Some long benches of Campbell and Princess of Wales violets were a mass of bloom and looked particularly well. Mr. Small's flowers are sold at the new market, Boston.

W. N. CRAIG.

MAKING STEAM.

Along the Great Lakes many growers find it their best plan to pick up firemen from among those who are released from their regular employment by the closing of navigation. The man who stokes a marine boiler through the hot days of summer is likely to have the art of making steam down to an exact science. He doesn't shovel any more coal than is necessary and he knows how to hold the steam gauge at the same point for hours at a stretch. And not infrequently such a one has time in the night watch to read the REVIEW. Here is a letter from one of them, dated in a Wisconsin town:

"I cannot see what is the matter with all your firemen. Now I will tell you what I have here and what I do, and any good fireman should do. I am firing a thirty horse-power boiler containing thirty-four 2¾-inch flues ten feet six inches long. The stack is eighteen inches in diameter and thirty feet high. It is a poor boiler and the brickwork is leaky. There is only an 8-inch wall and brick on top of the boiler to keep the heat in. It feeds cold water and it is all returned from the houses. According to the weather I carry from five to thirty pounds of steam and we burn from 1,000 to 2,600 pounds of coal in twenty-four hours. I fire nights. We heat

about 11,000 feet of glass and have steam to spare. We could heat another house 100 feet long with two benches. We burn lump coal and my fire lasts from half an hour to three hours, according to the weather, and I have seen it 35 degrees below zero. I clean my flues from one to six times a night and I should not care if the stack were eight feet shorter; I could still have steam to spare and burn any kind of coal or clean stock.

"On page 705, of the Review for February 16, that boiler setting is all right except that the space behind the bridge wall wants to be deeper. Keep the flues cleaned oftener than once in twenty-four hours. I am only a marine fireman off the lakes but I have been firing twenty-five years." L. A. U.

MASSACHUSETTS GARDENERS.

Bayard Thayer, South Lancaster.

William Anderson has a beautifully grown lot of white cyclamens at Bayard Thayer's. The varieties are Sutton's Giant and White Butterfly. Lorraine begonias are also good. In the carnation house Enchantress was easily in the lead. Wolcott was flowering heavily, but a large proportion were coming split. bury bells in 12-inch pots are used for piazza decoration. None of the four fruit divisions had yet been started.

E. V. R. Thayer, South Lancaster.

Seedling orchids are always a prime attraction at E. O. Orpet's, on the E. V. R. Thayer estate. All his plants of seedling cattleyas, lælio-cattleyas and other bi-generic crosses were in fine health. Of Cattleya Thayeriana, quantities of sheaths were pushing. Some of these plants are now in tubs, which they will soon outgrow. A pretty and distinct cross just open was C. intermedia x C. Trianæ, a fine, bold and pleasing flower. C. labiata x L. cinnabarina was good. Lælio-cattleyas C. G. Roebling and Bletchleyensis were in flower. A good cross is L. Perrini x L. cinnabarina. At present Mr. Orpet is working mostly on sophronitis crosses, from which he expects interesting results later.

Odontoglossums are better grown here than elsewhere in America. A span house contained a grand lot of them, hundreds of plants all in the best of health. On O. crispum we noted three spikes coming from a single bulb. Plants now in 6-inch or 8-inch pots and pans will soon need a shift to larger receptacles. These plants are grown warmer than used to be considered advisable, with all possible sun eral others. Orchids here are all grown in pure osmunda fibre, no leaf-mold being used. We noted a batch of Odontoglossum crispum received from Sander & Sons. These were potted in compost of three-fourths English bracken roots and one-fourth English peat over it, but they were not at home in it.

A splendid lot of amaryllis, mostly seedlings, were in flower. Schizanthus in several varieties is grown in quantity. The earliest were just coming into flower. Stock Beauty of Nice, of a delicate shrimp pink color, has the earmarks of a popular commercial variety. A house of roses looked very well. A small lot of Killarney is being tried. Campbell still does well as a double violet. Hydrocyanic acid gas is the popular fumigant with Mr. Orpet just now. The only plants he has hurt with it are some antirrhinums. He finds it especially good for cleaning out mealy bug from dormant graperies. W. N. Craig.



L. K. Peacock.

Lawson will be dropped after this season, as will Flamingo. In the large rose house Brides, Maids and Beauties are mostly grown. A few Killarney are being tried and Mr. Anderson sees good possibilities in it. In the orchid house there was a fine show of Cattleya Trianæ. A number of the specimens are big ones. Quite a few carried five flowers to the sheath. Schizanthus is being tried here. Canter- in winter. This gives the leaves a ruddy hue and makes them tougher and better adapted to standing our hot summers. A batch of seventy-five miltonias somewhat similarly grown were very vigorous. A fine set of yellow forms of Cypripedium insigne were flowering, including such varieties as Sanderæ, Laura Kimball, Dorothy, Ernestii, Statterianum, Joungianum superbum, Brightness, Ballæ and sev-

PHILADELPHIA.

The Market.

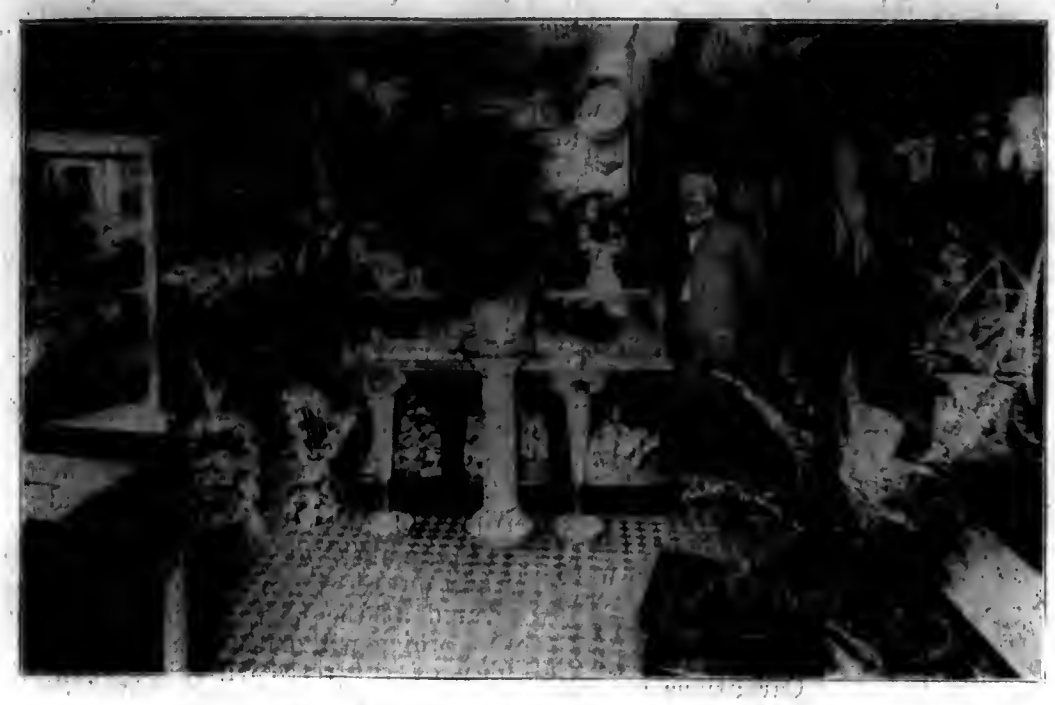
Despite two holidays this week, the market continues in fair shape. There has been a good deal of shipping, Palm Beach, Fla., coming in for quite a nice lot of stuff. The local demand has also been good, with little change in prices, except in gardenias, which have fallen from $1 to 12½ cents in seven weeks, and now it is rumored that one large concern is likely to cut even this price. A noteworthy feature in the carnation market is an improvement in the demand for ordinary grades. Whites continue to sell better than colored varieties, except the fancies.

The New Dahlia Co.

As announced in the Review exclusively a few weeks ago, L. K. Peacock has completed the incorporation of his new dahlia company. The following details are now for the first time given out: The business was founded by L. K. Peacock in 1885, was purchased by W. P. Peacock in 1892; one half interest was purchased by L. K. Peacock in 1893 and the business continued under the firm name of W. P. Peacock. L. K. Peacock purchased the interest of W. P. Peacock in August, 1904, and the firm name was changed to L. K. Peacock and incorporated as above December 14, 1904. The authorized capital is $50,000. The officers are: L. K. Peacock president, W. P. Peacock vice-president, A. M. Peacock treasurer, G. E. Cain secretary; directors, L. K. Peacock, Ateo, N. J.; W. P. Peacock, Ateo, N. J.; Thomas B. Hall, Camden, N. J.; Samuel S. Pennock, Philadelphia; Adam Schlorer, Berlin, N. J. The many lovers of dahlias will wish Mr. Peacock all success in his broader venture.

Acacia Pubescens.

This beautiful flower is the novelty of the present market. The Leo Niessen Co. has been fortunate in securing the entire stock which is grown by W. & Harry F. Evans, of Rowlandville. They have three large specimens, probably seven feet high and fully twice as broad. They are literally covered with the fine yellow blooms, exquisitely graceful and contrasting harmoniously with the delicate green foliage. These acacias are planted out in the ground and as the growers were



Store of R. E. Evans, Salt Lake City, Utah.

afraid of injuring them by moving, it became necessary to rebuild the greenhouse covering them last fall, so as to secure more head room.

A Trip to Bermuda.

J. D. Eisele, the popular vice-president of the H. A. Dreer Co., and Mrs. Eisele have lately returned from a short trip to Bermuda. Mr. Eisele enjoyed the trip immensely. He spoke with admiration of the even temperature, varying scarcely more than a dozen degrees during the eighteen days of his sojourn. The farming appeared to be done on a rather small scale, it being somewhat difficult to realize that the detached fields, never over an acre in size, could produce the respectable aggregate given out in onions and in potatoes. The cultivated fields lie in the hollows between the rocks, where the soil attains a depth of from sixteen to eighteen inches, while above it is scarcely two inches deep, sufficient only for the hardy native growth. Oranges, once a prominent feature on the island, have been abandoned, owing to the attacks of scale, yet curiously enough the oleanders planted there for windbreaks appeared entirely free from scale, while here they are very subject to them. Acalypha marginata is used as a hedge. Some fine specimens of ficus, crotons and pandanus are seen, while the leaves of Cycas revoluta, which attain a great size, are shipped to the New York market. While driving one day Mr. Eisele saw a great rock completely covered with Bougainvillea glabra, its purplish crimson flowers making a display whose gorgeousness he had never seen equaled anywhere. The native driver, however, assured him that when in bloom the poinciana was even more superb.

Various Notes.

F. & H. Mergenthaler are planning an addition of twelve short-span houses in one range at their place in East Washington Lane, Germantown, to be devoted to carnations. It is said that they are also considering the feasibility of securing an even better location for their retail store.

John F. Andre, of Doylestown, is planning a new house about 20x200 to be devoted to Liberties.

W. F. Powell delivered an illustrated lecture on "Farming in the City and School Gardens" before the Philadelphia Horticultural Society on Tuesday afternoon.

Thomas Meehan & Sons are sending some nice snapdragons to the Flower Market.

Edward Reid was the first to introduce the system of ticketing each consignor's flowers into the commission business in this city. He has steadily followed this plan and also that of weekly statements. Mr. Reid realizes that good stuff costs more to produce than poor, or, as he aptly puts it, "labor is cheap and brains come high," so he does all in his power to secure best returns for choice stock.

Albert Woltemate is sending nice freesia to the Flower Market.

S. S. Pennock had some heavy orders for Palm Beach on Monday.

Harry Crawford is sending in some nice carnations, including Queen Louise, from the greenhouse at Secane.

A. Hall, of Atco, N. J., has been sending some good carnations, including Queen Louise and Joost, to S. S. Pennock.

Mrs. Sarah I. Smith, of Secane, is sending some special bunches of single violets to the Flower Market, which are unexcelled for quality and size.

A telegraphic order from the south reached the Cut Flower Co. at 10:52 p. m. the other day. The stock was in the 11:05 p. m. train, just thirteen minutes later. Mr. Muth says it is their record.

Both A. N. Pierson, of Cromwell, Conn., and Paul M. Pierson, of Scarborough, N. Y., were in this city not long ago.

Mr. and Mrs. Gilbert Leonard Grant announce the marriage of their daughter, Elizabeth, to James E. Olive, on January 29, at Overlook, Soquel, Cal.

Henry S. Pennock is shipping Asparagus plumosus and Sprengeri from Florida to his brother, S. S. Pennock.

PHIL.

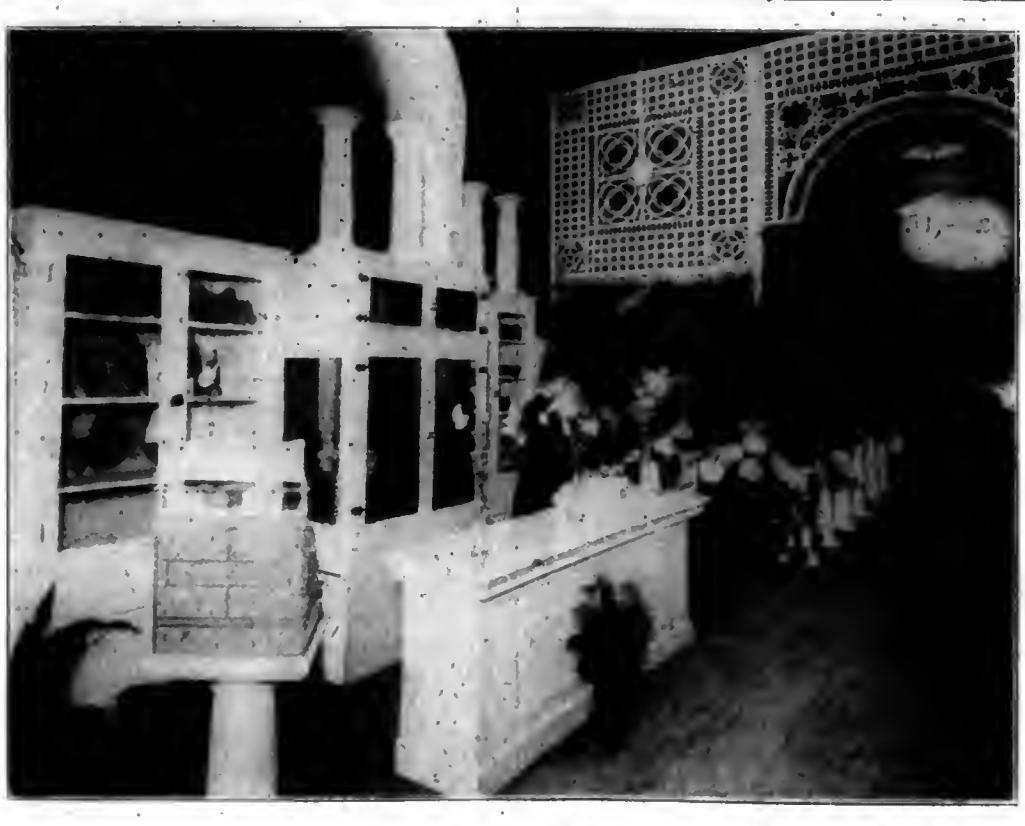
It has been decided by the committee having the matter in charge that the next meeting of the Florists' Club of Philadelphia, to be held Tuesday, March 7, will be rose night. The members of the Florists' Club are anxious to see all the novelties among roses that are likely to become popular. All those having such are invited to bring them to this meeting, or if it will be impossible to do so, kindly forward same by express prepaid in care of David Rust, Horticultural Hall, Broad street, Philadelphia, Pa. P. J. Lynch, secretary and treasurer of The Dingee & Conard Co., West Grove, Pa., will deliver a paper on "Some Notes on the Newer Roses," at this meeting. EDWIN LONSDALE, Sec'y.

AT SALT LAKE CITY.

The accompanying illustration is reproduced from a photograph taken in the store of Richard E. Evans at Salt Lake City, Utah. Mr. Evans started in business in 1892 with a capital of $65 and a determination to succeed. He now has a range of 25,000 feet of glass and a very satisfactory business.

A MICHIGAN STORE.

The accompanying illustration shows a portion of the store of Henry M. Burt, at Battle Creek, Mich., opened last September. He makes use of pedestals for everything, even for the cash register, having fifty at times in use. Mr. Burt is doing a nice business in this white enameled room. Chrysanthemums were in season when the photo was made.



The Store of H. M. Burt, Battle Creek, Mich.

PRONOUNCING DICTIONARY.

(Copyright 1904. by Florists' Pu[illegible])

Frequent inquiry as to the correct pronunciation of plant names has led us to compile the following list of names, selecting those in most common use in the trade, and including botanical terms most frequently met with in articles upon plant culture.

In our list we have used the following

KEY TO PRONUNCIATION.

a as in fat	e as in met	ō as in note
ā as in fate	ē as in mete	ö as in move
ä as in far	ė as in her	ô as in nor
â as in fall	i as in pin	u as in tub
ã as in fare	ī as in pine	ū as in mute
å as in Persia	o as in not	ů as in pull

The syllables to be accented are marked thus ′.

(CONTINUED FROM LAST WEEK.)

T

Tabernæmontana — (tā-ber-nē-mon-tā′nå).
Tacsonia—(tak-sō′ni-å).
Tagetes—(tā-jē′tēz).
Tamarix—(tam′a-riks).
Taxodium—(tak-sō′di-um).
Taxus—(tak′sus).
Tecoma—(te-kō′må).
Tenuifolius—(ten-ū-i-fō′li-us).
Tenuis—(ten′ū-is).
Tessellata—(tes-e-lā′tå).
Thalictrum—(thā-lik′trum).
Thrinax—(thrī′naks).
Thrips—(thrips).
Thunbergia—(thun-ber′ji-å).
Thuya—(thū′yå).
Thuyopsis—(thū-yop′sis).
Thyme—(tīm).
Thymus—(thī′mus).
Thyrse—(thers).
Tigridia—(tī-grid′i-å).
Tigrinum—(ti-grī′num).
Tilia—(til′i-å).
Tillandsia—(ti-land′zi-å).
Tinctoria—(tink-tō′ri-å).
Tinus—(tī′nus).
Tomentosa—(tō-men-tō′så).
Topiary—(tō′pi-ā-ri).
Toxicodendron—(tok-si-kō-den′dron).
Tradescantia—(trad-es-kan′shiå).
Tremula—(trem′ū-lå).
Trianæ—(trī-ā′nē).
Trichomanes—(trī-kom′a-nēz).
Trifolium—(trī-fō′li-um).
Trillium—(tril′i-um).
Tripinnate—(trī-pin′āt).
Tripinnatifid—(trī-pi-nat′i-fid).
Tritoma—(trit-ō′må).
Tritonia—(trī-tō′ni-å).
Trollius—(trol′i-us).
Tropæolum—(trō-pē′ō-lum).
Truncate—(trung′kāt).
Tsuga—(tsū′gå).
Tuberosa—(tū-be-rō′så).
Tuberous—(tū′ber-us).
Tulipa—(tū′li-på).

U

Uliginosa—(ū-lij-i-nō-så).
Ulmus—(ul′mus).
Umbel—(um′bel).
Umbellatum—(um-bel-ā′tum).
Urens—(ū′renz).
Utilis—(ū′til-is).

(To be continued.)

JOPLIN, MO.—Edward Teas is planning the erection of glass to cover a space 50x120 feet.

MARTINSVILLE, IND.—Mr. and Mrs. Nixon H. Gano are rejoicing over the arrival of a son on February 7.

MONTREAL, QUE.—The executive committee of the Canadian Horticultural Association meets here today to plan the annual convention.

ST. LOUIS.

The Market.

Activity in the cut flower trade was curtailed somewhat by the cold and stormy weather prior to February 18, still a fair business was reported. On February 14 exceptionally good trade was done, especially in violets for valentines. Shipping trade is also active and some orders for fancy stock had to be turned down owing to scarcity. A number of social events the past week kept some of the west end stores quite busy. Funeral work was pretty well distributed among the trade, everybody having some of this to do, which made white flowers in big demand.

In colored roses the market is fairly well supplied, but white roses were very scarce. There were more red roses than the demand called for. American Beauties have had a good call, but there were enough for all. Carnations are all of good quality and plenty, except in white. These sold clean every day. In the colored sorts quite a few were left over each day.

Bulbous stock, such as Romans, Paper Whites, freesias, Dutch hyacinths, lily of the valley and Von Sions are in abundance. Harrisii and callas are not overplentiful at present, as the demand is good. Tulips are also selling well but only the light colors. White sweet peas are fine, with long stems. All greens are in demand at their usual price.

Various Notes.

Mr. and Mrs. Fred C. Weber, their daughter and Theo. Miller will make a European trip this summer, leaving here June 1. They will return in time to attend the S. A. F. convention at Washington in August.

Mrs. Frank M. Ellis left Sunday morning for Milwaukee with a party of lady bowlers to take part in the games there this week in the National Bowling Congress. Mrs. Ellis has hopes of bringing back one of the many prizes offered to lady bowlers. Arthur Ellison is on one of the strongest teams which represent St. Louis at Milwaukee this week.

Frank M. Ellis is handling extra fine California violets by the tens of thousands. These are cleaned out fairly well each day.

Charles Kuehn is receiving an extra fine supply of Dutch hyacinths and La Reine tulips, which have a big demand.

Mrs. M. M. Ayers has been very busy the past week with all kinds of floral work and decorations. No wonder Charlie is sporting a new gold watch.

George Waldbart is making an extra fine display of blooming plants, also fancy cut carnations. Whenever we call, Mr. Waldbart is always busy.

The Riessen Floral Co. had an extra busy week with funeral work. Mr. Buechel, the manager, is still confined to his room, nursing his broken limb. He expects to be back to work by March 15.

Fred Foster has renovated his store the past week. The improvement gives him more room, of which he was very much in need.

John Burke, at Grand and Finney avenues, reports a good trade in fruit and cut flowers.

J. F. Windt, on Bayard avenue, is making a great display of fancy cut stock and blooming plants in his attractive conservatory.

John G. Knoll, in South St. Louis, was doing jury duty the past week. He surprised the jury, judge and the attorneys by decorating everybody in the court room, including the defendant, with a carnation. The daily press made quite a story of it.

George M. Kessler, the landscape artist, proposed to the city council a girdle of parks from Carondelet to the Chain of Rocks. Mr. Kessler also declared that St. Louis appropriated far too little money for its parks.

George Windler, on Delore avenue, is making preparations for an extra fine lot of blooming plants for Easter sales. He put in his first appearance at the Florists' Club meeting since his marriage and his many friends in the trade were delighted to meet him.

A number of very important questions on roses are already in to be answered at the next Florists' Club meeting, which will be March 9. A big display of cut roses will be on exhibition, also new varieties. Fifty dollars in prizes are being offered. A very interesting and instructive meeting for both grower and retailer is looked for.

Fred C. Weber, Theo. Miller and E. W. Guy, trustees of the Florists' Club, and Otto Koenig met on Saturday at Ellis' place. A full report of this meeting will be read at the club meeting. This will be of interest to all the members.

Fred Meinhardt left for Fort Wayne, Ind., on Sunday to attend the funeral of Mr. Vesey's brother.

Visitor: B. Eschner, of M. Rice & Co., Philadelphia.

Bowling.

The Lady Florists' Bowling Club rolled on last Thursday at the Cass avenue alleys. The scores were as follows:

Player.	1st	2d	3d	4th
Mrs. Fred Meinhardt	108	100	174	140
Miss B. Meinhardt	105	99	64	59
Miss Klir	102	112	78	72
Mrs. Hassbrock	110	94	75	97
Miss B. Hassbrock	114	102	87	45
Mrs. F. C. Weber	55	44	63	65

J. J. B.

CORRUGATED GLASS.

In answer to S. C. T., in last week's issue of the REVIEW, in which he asks as to the practical benefit derived from corrugated glass, I will state that I had one year's experience with that variety of glass and want no more. I had one house under my care, 18x50, in which I planted carnations and was so thoroughly disgusted with my experiment that I threw them out and filled my benches with begonias and ferns, which did first rate. In my endeavors to see what would grow thriftily there I tried a great many varieties of plants and found it a failure with the exception of the two named above.

F. A. B.

A STRONGER ASPARAGUS.

In my large house of Asparagus plumosus nanus I have one plant entirely different from all others, the growth being very robust and the plant branching, and each branch making regular fronds or plumes, the branches being three and four feet in length. My plant has been out about eight months and has filled four strings fourteen feet in length and extends on the roof several feet, foliage rich dark green. Could this be the so-called robustus? The original seed came from Henry A. Dreer, of Philadelphia.

E. R. MESERVE.

"Green Goods"

Send us your order if you want the finest Smilax that is coming to this market. Plenty of long, fancy Asparagus. Adiantum enough for all. Send us your order.

....FANCY VALLEY ALWAYS ON HAND....

E. C. AMLING,

The Largest, Best Equipped and Most Centrally Located Wholesale Cut Flower House in Chicago.

32-34-36 Randolph St., Chicago, Ill.

Long Distance Telephones { 1978 and 1977 Central. 7846 Automatic

AMERICAN BEAUTY,	Per doz.
30-36-inch stem	$6.00
24-inch stem	4.00
20-inch stem	3.00
15-inch stem	2.00
12-inch stem	1.50
Short stem	.75 to 1.00
	Per 100
Brides	$4.00 to $10.00
Bridesmaids	4.00 to 10.00
Liberty	6.00 to 15.00
Golden Gate	4.00 to 12.00
Chatenay	4.00 to 12.00
Carnations	2.00 to 3.00
" large and fancy	4.00 to 5.00
Violets	.60 to 1.00
Valley	2.00 to 4.00
Callas	per doz., $1.50
Paper Whites, Romans	3.00
Tulips	3.00 to 4.00
Jonquils, Daffodils	4.00
Sweet Peas	1.50
Mignonettes	.50 to .75
Asparagus, per string, 35c to 50c	
Asparagus Sprengeri	3.00 to 5.00
Ferns	per 1000, $2.50 .30
Galax	per 1000, $1.25 .15
Leucothoe	.75
Adiantum	1.00 to 1.25
Smilax	per doz., $1.50 to $2.00 10.00
Wild Smilax, 25 lb. cases	3.00
" " 35 lb. cases	4.00
" " 50 lb. cases	5.00

Subject to change without notice.

Mention The Review when you write.

BOSTON.

The Market.

Conditions showed a distinct improvement the past week, on one or two days hardly a flower remaining unsold. The weather has continued very cold, but fortunately snow has kept away. Roses have been in quite brisk demand, the best grades fetching higher prices. Some select Beauties have made up to $65. There has been a scarcity of Brides, the very finest making $25. The popular priced stock at $10 to $12 has cleared out quickly, there being a heavy demand for funeral work. Bridesmaids have held previous quotations. Carnations are very little changed in price, continuing to sell well.

Violets have made 30 to 50 cents, except for extra select stock, which went at 75 cents. Daffodils have been the greatest surprise in the market. Prices on these have advanced to $3, with no surplus. These flowers seem to catch the popular fancy this season. Other years they have been rather a drug. Lilies, callas, valley and other flowers, as well as green goods, remain about the same.

Various Notes.

Dr. George T. Moore, of the Department of Agriculture, Washington, delivered an exhaustive and most instructive lecture on "Bacteria as Fertilizers" before the Massachusetts Horticultural Society on February 18. He had a large audience, which seemed to take a keen interest in his talk, and in the views on the screen which illustrated the difference between inoculated and uninoculated crops, which showed clearly the value of these beneficial bacteria under certain conditions.

The Gardeners' and Florists' Club meeting on February 21 was once more a very successful one. The lecture by W. W. Rawson on the increased output of vegetables under glass during the past twenty-five years and the large additional productiveness of the houses was very interesting. A more extended report must wait for our next issue.

We inadvertently omitted mention of A. Roper's fine vase of Chester Roper carnation in our last issue. At the same exhibition Backer & Co. showed a vase of a fine seedling yellow variety.

Quite a number of the craft have visited Fairhaven this week to see the annual exhibition in the Winsor greenhouses, where Peter Murray has charge. All where delighted with what they saw.

Prospects are good for the approaching show of the American Rose Society, which opens on March 22. The Gardeners' and Florists' Club will entertain visiting members at a banquet at the Copley Square Hotel.

James Farquhar, who has been in Porto Rico for some time, hopes to return to Boston early in April. He hopes to return there each winter for a few months. He has planted a large quantity of bulbous stock on land secured there, including the Lilium Philippinense they are introducing next fall, and all are doing finely.

The members of the Seed Trade Bowling League, which comprises the firms of Schlegel & Fottler, Farquhar & Co., Joseph Breck & Son and W. W. Rawson & Co., held their annual banquet on February 21 under the presidency of William E. Cahill. It was an enjoyable and highly successful affair. President Cahill was the subject of a highly complimentary illustrated sketch in the last issue of the Boston Sunday American.

Penn Bros. appeared with a very handsome new delivery wagon on February 18, with uniformed driver, which attracted favorable notice.

Carbone, on Boylston street, is showing some fine Phaius grandifolius and some excellent Azalea mollis.

McMulkin had a very effective yellow window the past week, using genistas, acacias, tulips, narcissi, English primroses, carnations and roses.

Morse & Gomperts have opened a new store on Tremont street in close proximity to Keith's new theatre.

Galvin had the decorations for the ball given by Mrs. H. P. Quincy for her debutante daughter at the Somerset Hotel on February 17. The prettiest effect was in the supper room, where each of the forty tables had a basket of flowers, no two of which were alike.

Narcissi which are chiefly grown for our market are Trumpet Major, Von Sion (double), Henry Irving, Golden Spur, princeps and poeticus ornatus. Princeps does not take so well as the other sorts. Emperor, Horsfieldii and other sorts are not in evidence yet.

J. A. Pettigrew has been quite seriously sick, but we are glad to report is now much improved. W. N. CRAIG.

CHICAGO.

The Market.

A few days of bright and moderate weather have produced a very appreciable effect in greenhouse crops. There are many more roses than the market has seen in weeks and prices have taken a drop, although strictly fancy stock is still bringing good figures. Beauties are the one item of which it can be said that there is not an ample supply, as crops are now pretty well off. Bride is a little less plentiful than Bridesmaid but there is enough good stock of each so that low grades have lost half their value. The receipts of carnations have increased materially and very fine stock is now selling at moderate prices, with a considerable quantity of pink hanging fire and selling at cheap rates in job lots. The Greek venders are now retailing carnations at 15 cents per dozen. The scarcity of Harrisii is a thing of the past, for receipts are now large, but the quality is not up to the standard. There are plenty of fine callas. The receipts of La Reine tulips are heavy and prices low considering the high quality of stock. Good red and yellow tulips sell fairly well. Paper Whites are again in heavy supply and immovable. There are large quantities of bulbous stock in pans offered for the retailers and most of them make this class of material a feature of their window decorations. Violets are not coming in as heavily as a few days ago, but are more than equal to all requirements. Some fancy mignon-

We Produce First Grade Stock in Such Great Quantities that

WE CAN FILL SHIPPING ORDERS

FOR SELECT STOCK AT ANY TIME.

AMERICAN BEAUTY—			Bridesmaid	per 100,	$6.00 to 10.00
Extra long stem	per doz.,	$5.00 to $6.00	Bride	"	6.00 to 10.00
30-inch stem	"	4.00	Golden Gate	"	6.00 to 10.00
24-inch stem	"	3 00	Chatenay	"	6.00 to 10.00
20-inch stem	"	2.50	Liberty	"	6.00 to 10.00
15-inch stem	"	2 00	Meteor	"	6.00 to 10.00
12-inch stem	"	1.50	Carnations, good	"	2.00
8-inch stem	"	1.00	" fancy	"	3.00

All other stock at lowest market rates—No charge for packing. Prices subject to change without notice.

WIETOR BROS. 51 Wabash Avenue CHICAGO.

Mention The Review when you write.

ette is offered. There are green goods for all requirements, smilax being of particularly good quality. Common ferns are advancing in price.

Trade was fair at the end of last week and Monday saw a better demand, although the increase was not so great as the increase in receipts, but Tuesday was dull and the accumulation will be hard to work off as long as fine, warm weather holds; several days of it will mean a glut.

Jensen Enters Business.

J. E. Jensen, formerly grower for the J. D. Thompson Carnation Co., and J. S. Dekema on February 17 bought the establishment of Matson & Kron, 631 West Foster avenue. The plant consists of six houses, about 48,000 feet of glass, built less than two years ago and thoroughly modern in every respect. The place is planted with up-to-date varieties of carnations and the new owners, who will do business as Jensen & Dekema, will make a specialty of carnation cuttings and fancy blooms. The plant has been in charge of Mr. Dekema as grower. He, like Mr. Jensen, is a graduate of Peter Fisher's school of carnation culture and was with Mr. Jensen at Thompson's for a short time. The former proprietors were among those who entered the field a couple of years ago under the impression that cut flower growing was a quick road to wealth. They have found that the receipt of the commission man's check is not exactly like getting money from home, but have made a splendid opportunity for two young men brought up in the business.

Since leaving the Thompson place Mr. Jensen has made a western trip, visiting Denver, Salt Lake City, Ogden, San Francisco, Seattle, Spokane and St. Paul. At each place he visited the leading growers. He says that there is good stock everywhere but that Chicago has transportation facilities which make it the only place for a wholesale business.

Market for Bulbous Stock.

Last season it was very certain that the market for bulbous stock was unprofitable but better things were hoped for this spring because of the retirement of Frank Garland, the largest grower, from this field of activity. Very fine tulips are now coming in but the price is little if any better than last year; probably the only change in conditions is that last year there was a bad glut and this year the adjective may be omitted. Yet the visiting Dutchmen report business good; or are they only whistling to keep up their courage?

A Contraction of Credit.

Those recent bankruptcy proceedings, the Lutey case in Michigan and the Klingbiel case in Iowa, coupled with the unexpected Winandy matter, although the latter did not affect the wholesalers, has had the effect of causing a contraction of credits. Losses through business failures have been so few in recent years that credits were easy, but it's different now and even those who are somewhat new to the experience are being asked to pay up.

Iron Gutters in Favor.

George M. Garland reports orders for iron gutter to date aggregating 14,000 feet, of which 6,000 feet is for one order to replace wooden gutter only five years old. This is the Peter Reinberg job, Mr. Reinberg figuring that the space gained by the use of the iron gutter will quickly pay for the cost of rebuilding. Mr. Garland says inquiries in hand indicate that this will be his best season to date.

Various Notes.

Wednesday, Washington's birthday, was a legal holiday, but as the postoffice neglected to send out an announcement, it was generally overlooked until the one mail delivery of the day arrived. A good many orders failed of delivery until the next day.

Z. Wolniewicz, on School street, has been troubled by boys breaking his greenhouse glass. Hearing the glass crash one day this week he seized his gun and fired at the fleeing miscreants, with the result that it took the doctor an hour to pick the bird shot out of one of them.

Emil Buettner has not yet determined what he will do in regard to rebuilding this season. He will tear down from five to nine old houses and will put up eight new and larger ones.

On February 15 E. C. Amling obtained judgment for $124.50 against T. D. Mosconesotes.

N. J. and Henry Wietor are active in the management of the approaching bazaar of the new St. Henry's church at High Ridge, to which Henry Wietor donated $7,000 for the building fund.

E. F. Winterson Co. is getting in some Lilium speciosum rubrum which sell well, a leading retailer using them in some fine work the other day when he could not get orchids.

Ernest Weber will drop roses next year and plant his whole place to carnations, having already bought the necessary cuttings of George Reinberg.

George Muno is proud of a baby boy who arrived February 6.

A. L. Randall Co. reports a big out of town call for fancy mignonette, several recent orders calling for from 100 to 200 spikes.

J. A. Budlong is still cutting heavily of Brides and Maids. He has had a very successful season.

E. H. Hunt reports eastern violets coming in in extra good shape. Their supply department is again quite active.

J. A. Evans, of Richmond, was in town last week and among other orders he took was that of Bassett & Washburn for thirty ventilating machines for their new range.

The Garfield Park Floral Co., which is the principal local source of supply for flowering plants for Christmas and Easter, will enlarge its facilities this season by erecting several greenhouses.

The Butler Floral Co., in the Old Colony building, is opening a branch store in the First National Bank building, a very good location.

At the Florists' Club meeting tonight E. G. Routzahn is to deliver an address "How to Make Chicago Beautiful," with special reference to the florists' interests. He speaks for the Bureau of Civic Co-operation and will illustrate his remarks with the stereopticon. The committee has invited the club members to bring friends and ladies.

NEW YORK.

The Market.

The market demonstrates a livelier condition since Saturday and, while prices remain on the low level of the past week, the activity and increased demand leave little stock unsold. The milder weather also has helped to change the conditions, creating the usual street outlet for the surplus and establishing normal supply and demand. The intense cold remained with us until Saturday. Business that day was very satisfactory. Monday a rising temperature and snow, turning to rain in the evening, brought a continuance of Saturday's improvement. The tide has turned.

Carnations and violets do not appreciate in value, for the supply of each is

FANCY WHITE LILAC, $1.25 per doz.
Special Price on Large Lots.

FANCY LILY OF THE VALLEY, $3.00 and $4.00 per 100.
TULIPS, long stems, $3.00 per 100.
DAFFODILS and **JONQUILS,** $3 and $4, 100.
HUDSON RIVER VIOLETS, 75c to $1 per 100.
CALLAS, HARRISII, $1.50 per doz.

CARNATIONS, a fine assortment of extra well grown stock and many fancy varieties.
ROSES, extra fine, especially in Brides and Maids.
LET US give you our prices on 1000 lots of Roses and Carnations, or any large orders of any kind of stock.

A. L. RANDALL CO.
21 Randolph St. Wholesale Florists, CHICAGO, ILL.

Mention The Review when you write.

WHEN WE SAY THAT WE CAN FILL YOUR ORDERS WITH THE
BEST STOCK
That can be found on this market, we talk direct from the shoulder for we can fully back up our assertions.

Why? Because we carry the kind of stock that you are looking for, as we make a specialty of producing high grade stock of all kinds, being strong in

ROSES AND CARNATIONS

In addition to the cutting of a choice line of stock from our own large greenhouses, we also handle the production of a number of the best growers in this city, thereby placing us in a position to fill all orders in a very satisfactory manner, as a trial order will convince you. We are **cutting heavily of Maids** and **Brides** of **extra fine quality.** Also a choice variety of **high grade Carnations.**

So if you wish to avoid disappointments and want your orders filled satisfactorily, just give us a call and you will be more than pleased that you called upon us.

J.A.BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty..... WHOLESALE GROWER of CUT FLOWERS

Mention The Review when you write.

excessive, but by means of severe cuts and concessions, the bulk of the shipments now are cleanly disposed of. Bulbous stock is very abundant. A great many Harrisii are with the wholesalers and as low as $5 per hundred was accepted for the week's surplus. The orchid shipments are lessening and prices hardening.

Various Notes.

MeManus is handling Crisis, the fine red carnation from J. L. Dillon, of Bloomsburg, Pa.

Fenrich is receiving an average of 1,000 bunches of sweet peas daily, of splendid quality. Mr. Fenrich has just recovered from a severe attack of grippe. Mr. Hurrell, of Summit, is the latest battler with the disease. Few of the wholesalers have escaped.

John Scott has finished serving his country as a juryman and is again devoting his energies to the interests of Scottii to meet the demand for which, new houses are to be constructed this spring.

Young & Nugent are handling large quantities of gardenias, samples of which were seen at the last club meeting.

N. Lceakes has started for an important visit to Greece, to be absent until the first of May. John A. Foley will have entire charge of his business interests until his return.

Herman Maenner, of Bayside, had an encounter with a trolley car last week that laid him on the shelf a few days.

The busy season down town and among the seedhouses is already in evidence. The early demand through catalogues is unprecedented. H. H. Berger & Co. announce a rapidly increasing trade since the incorporation of their business, the outlook exceeding anything at this date in their history. B. Suzuki is back from Japan, with interesting stories of the war. Boddington in the east and Bunyard in the west are meeting with great success, their seed business especially booming "far beyond expectations," as Mr. Begbie expresses it.

A. L. Miller, of Brooklyn, is having two houses 16x100 built this spring by Lord & Burnham Co. at his Jamaica place, where he has also thirteen acres devoted to the nursery business. His importations of European stock this season will be heavy. He is arranging for a large stock of his new dahlia, Kaiserin Augusta Victoria, for which a demand is already in evidence.

W. C. Kriek, the inventor and manufacturer, is now well established in his new quarters at 1164 Greene avenue, Brooklyn. He numbers among his patrons all the great supply houses of the country. His new factory has all the modern improvements.

Bowling.

The Bowling Club has again changed its hour of practice and hereafter bowling will begin at 7 p. m. on Mondays. The match with Hoboken will be bowled on the Hoboken alleys Saturday, March 4. The storm and unsatisfactory hour kept the attendance low on Monday. The scores were:

Player.	1st	2d	3d	4th
Kessler	172	187	165	145
Manda	169	138	167	184
Butterfield	128	135	128	129
Shaw	106	127	105	117
Holt	162	122	121	120

J. AUSTIN SHAW.

ST. PAUL, MINN.—Otto Hiersekorn suffered the loss of $300 February 17 through fire which resulted from the explosion of a can of gasoline in his flower store.

BRISTOL, VT.—L. Merton Gage has discontinued his plant business and will devote all his time to his retail seed business and to the growing of gladioli for the trade.

PIPING.

I have two houses forty feet long, attached, without partition wall, both ridges seven feet high and board side walls four feet high. One house is ten and one-half feet wide, the other twelve and one-half feet. Along the end is a shed 10x30 feet which continues into another greenhouse 10x30, eight feet to ridge and side walls eight feet high. I want to heat with 2-inch flows under the ridges and 1¼-inch returns. How many pipes will it take with the weather conditions of New Jersey? G. W. H.

The two attached houses, if heated bv hot water at 180 degrees, with a 2-inch flow pipe under each ridge will require twenty 1¼-inch pipes arranged in coils under the benches of the houses. If steam at five pounds pressure is used and a 2-inch riser placed under each ridge, fifteen 1¼-inch pipes will be necessary under the benches. The side house 10x30 will require a 2-inch riser and eleven 1¼-inch returns if water is used and a 2-inch riser and nine returns if steam is used. L. C. C.

PIPING AND BOILER.

I have a greenhouse 16x32 feet, ten feet to the ridge, side walls and gables wood. I should like to heat this with a Wilks hot water boiler 20x30 and require 60 degrees in zero weather. The boiler has openings for 2-inch pipes. How many flows and how many returns will it take? Will this boiler be large enough for two such houses? It is rated at 250 to 300 feet of radiation. J. K.

Each of the houses 16x32 feet should have ten runs of 2-inch pipes, i. e., 320 feet of 2-inch pipe, properly arranged to provide heat during severe weather. If the piping is to be placed on the side walls or under the side benches it would be a good plan to run a 2-inch riser or flow pipe from the boiler to the far end of the house under each side bench and there divide it to return in four 2-inch returns. This will provide a coil of five pipes under each of the side benches, or ten pipes in all. Two houses this size will require a boiler capable of providing heat for 450 to 500 feet of radiation. A boiler with 250 to 300 feet would be sufficient for one of the houses and during mild weather should carry both. L. C. C.

The Review is all right, the best paper.—C. L. Baum, Knoxville, Tenn.

WANT ADVERTISEMENTS.

Advertisements under this head one cent a word, cash with order. When answers are to be addressed in our care, add 10 cents for forwarding.

Plant advertisements NOT admitted under this head.

WANTED—A good grower of roses, carnations, mums and general stock of plants; must be sober and good worker; state age, experience, and wages expected, with reference. Sunnyside Greenhouses, Owosso, Mich.

FOR SALE—Having decided to retire from the greenhouse business, we are going to sell our entire plant consisting of 12,000 sq. ft. of glass, all built new and up-to-date, complete with new steam boiler, for carrying on retail or wholesale business; two dwellings, barn and all equipments for running a first-class establishment; been established 12 years; in a city of 10,000; no competition; elegant retail trade; plenty of land for enlarging. For particulars address No. 145, care Florists' Review, Chicago.

FOR RENT OR SALE—Nice lot with four greenhouses and good boiler. Apply or write to E. E. Pieser, 44 Randolph St., Chicago.

SITUATION WANTED—By an all-round grower; middle aged; west preferred; state wages with and without board. Address No. 146, care Florists' Review, Chicago.

FOR SALE—Aledo Greenhouses, with dwelling house and grounds; business increasing; no competition, only greenhouse in Mercer county; ill health cause for selling. Address Chas. McChesney, proprietor, Aledo, Ill.

WANTED—At once, a man for general greenhouse work, also to assist in decorating; good grower; steady place; no cigarettes; state wages. Address W. H. Humfeld Floral Co., 9th street and Highland avenue, Kansas City, Mo.

FOR SALE—7000 4-inch cast-iron greenhouse pipes, in good condition, 6 cents per ft.; also one good Kroeschell hot water boiler, heating 8000 feet of 4-inch pipe, used 4 years, $150.00. Inquire of Emil Buettner, Park Ridge, Ill.

FOR SALE—Greenhouses to be torn down about 12,000 ft. of glass. Address No. 144, care Florists' Review, Chicago.

WANTED—Florist with experience in carnations; married or single; state age and wages wanted without board. Address P. R. & C. Co., Crystal Farm, Gibsonia, Pa.

SITUATION WANTED—As foreman or gardener on private place by Englishman; experienced in grapes, carnations and general line; nothing but first-class place wanted. Address No. 143, care Florists' Review, Chicago.

WANTED—A first-class carnation and rose grower; good wages paid; must know his business; good opportunity for right man. Clinton Falls Nursery Co., Owatonna, Minn.

FOR SALE—$25.00 buys glass and bars for greenhouse 9x30. Stafflinger, Pine Ridge, Buffalo, N. Y.

WANTED—Young, single, florist who understands roses, carnations, mums and general stock; good designer; wages $7.00 per week with board and room; references required. J. H. Krone, Jr., Fort Smith, Ark.

WANTED—Young man with experience in bedding and pot plants; must be a hustler to hold job; give references and state wages required. C. R. Hills, Grand Rapids, Mich.

FOR SALE—In New York state, near Troy and Albany, 7 modern, well-equipped greenhouses, 40,000 sq. ft. of glass; roses, carnations, sweet peas; doing large wholesale business; 200 yards outside city limits, fifteen minutes' drive from railroad station; greenhouses in good order, steam heat, double-thick glass; comfortable dwelling house, 8 rooms, hot and cold water throughout, good cellar, plenty of water; barn, carriage house, wagon house, workshop; all tools for farm and greenhouse work; small farm, twenty acres, soil fine for melons and tomatoes; will sell all glass and rent farm if desired; good reason for selling: a rare opportunity for a rose and carnation grower. Address Willowbank Greenhouses, Troy, N. Y.

FOR SALE OR LEASE—Bargain, great electric city, booming town, 5 houses, 3,000 feet of glass, fine location, to close estate. Address 755 7th Street, Niagara Falls, N. Y.

SITUATION WANTED—By practical florist, German, single; life experience as working foreman; can handle men successfully with best results; good grower of cut flowers and general stock of budding and decorative plants; first-class propagator; good quick worker; references; please state full particulars. Address No. 148, care Florists' Review, Chicago.

SITUATION WANTED—By a practical florist, German, as working foreman by good all-round florist; a first-class propagator and a successful grower in all its branches; can furnish references as to character aad ability; a good worker; quick; young man; life experience. State wages. Address No. 509 W. O. W. bldg., 419 South 15th St., Omaha, Neb.

FOR SALE—5000 sq. ft. of glass. 5 greenhouses in a natural gas city of 15000, large grounds, 7 room house, barn, etc.; this is a bargain. Address A. L. Harmon, Iola, Kan.

FOR RENT—For $50.00 per month, 5 greenhouses, 9000 square feet of glass; 9½ acres of good ground; house and barn, long lease; $1000.00 cash for stock, etc.; near Chicago. Address No. 134, care Florists' Review, Chicago.

SITUATION WANTED—By middle-aged man; single, good propagator and grower of roses, carnations, mums, violets and other florist's stock; maker-up and capable of taking charge of commercial place; good references as to character and ability. State wages. Address Florist, Box 120, Baldwinsville, Mass.

WANTED—Grower's assistant; young man with some experience in cut flowers and general stock. Address M. M. Strong, Sioux Falls, South Dakota.

FOR SALE—First-class florist's shop, nearly new, large city, easy terms. Address No. 141, care Florists' Review, Chicago.

FOR SALE—Greenhouse of 7,500 feet; a thriving city of 10,000; well stocked with carnations, roses and other plants; for particulars, address R. C. Eisele, 2440 Center St., Baker City, Oregon.

WANTED—A young man as florist's assistant; one used to horses and field cultivation; good home and chance to advance; wages $25.00 per month and board. Address with references I. Merwin Rayner, 81 Front St., Greenport, N. Y.,

FOR SALE—Ballard's greenhouse, $750, Perry Iowa.

WANTED—Competent grower of roses, carnations and bedding plants; single; give references in first letter and state wages with room. Address No. 139, care Florists' Review, Chicago.

SITUATION WANTED—By young man with several years' experience in city retail store; capable decorator and maker-up; married. For full particulars address No. 119, care Florists' Review, Chicago.

WANTED—A single man who is well up in roses, carnations, mums and a general line of bedding plants; also capable of managing help if required; state experience, references and wages wanted with board and room. Address No. 125, care Florists' Review, Chicago.

FOR SALE—Seven acres of land at Park Ridge, Ill.; fine soil and well adapted for greenhouse purposes. Terms easy. Address A. L. Randall, 19 Randolph St., Chicago.

SITUATION WANTED—As grower of Beauties, teas, carnations; good references. Address No. 138, care Florists' Review, Chicago.

FOR SALE—I have four acres of very fine land on which are two large greenhouses, 23x200 each; a rhubarb plot for forcing; home water system; modern 9-room house, etc.; fine for florist or truck farm. Land yielded potatoes at the rate of 500 bushels per acre. One mile from the center of the city; 10,000 population. Address W. F. Preston, Dixon, Ill.

WANTED.

Situation as grower on a commercial place where growing roses and carnations for cut flowers is a specialty; 10 years' experience with the best rose growers in the country; first-class references; the west (Colorado particularly) preferred. Address No. 147, care Florists' Review, Chicago.

Wanted, Wholesale Catalogues

Quotations on grass and farm seeds.

PORTLAND LANDSCAPE CO., Portland, Ore.

FOR SALE.

Cheap. Top delivery wagon; good for city or country.

CHARLES MILLANG,

50 W. 29th St., · NEW YORK.

WANTED For a considerable establishlishment in Germany—nurseries and greenhouses; specialty cut flowers.

FIRST-CLASS MANAGER, GERMAN, 30 to 40 years, Evangelist, best recommendations; must understand management in general and special growing of roses and carnations: wages, $75 per month, share in profit, free lodgement and fuel; a permanent position to the right party: apply at once. Copies of testimonials and reference in first letter. Address No. 140, care Florists' Review, Chicago.

Mention The Review when you write.

FOUND....

A way to color white carnations green

For St. Patrick's Day

Be up-to-date and arrange your show windows with

GREEN CARNATIONS

for St. Patrick's Day, March 17. You will not regret it. Its a "Money Maker." I sell the liquid in quart cans, only $1.00 per can. One quart will color 1000 or more carnations. Full directions with esch can. Non-poisonous.

FRED GEAR, Florist,

1113 Vine St. Cincinnati, O.

Mention The Review when you write.

ROSES FOR SPRING BLOOMING

The proper sorts. Clothilde Soupert. General Jacqueminot, Ulrich Brunner, La France. Magna Charta, Crimson Rambler, etc.; fine field-grown plants that have never been forced, suitable for 5-inch pots, at 7c.; larger for 6-in., at 12c. Crimson Rambler, XXX, long tops, 20c. Large flowered Clematis, finest purple, lavender, white and red sorts, 2-year at 18c.; 1-year at 9c. Hydrangea pan. grand., fine bushy plants, 8c. Other shrubs, etc., in cellar, priced on application. Packing free for cash.

W. H. SALTER, Rochester, N. Y.

Rhododendrons

Maximum, 6 inches ..... $5.00 per 100
Maximum, 12 inches..... 10.00 per 100
Maximum, 20 inches..... 15.00 per 100
Maximum, 30 inches..... 20.00 per 100
Maximum, 40 inches..... 25.00 per 100

Choice plants. Cash with first order. Send for price list of all kinds of Shrubbery, etc.

J. N. PRITCHARD, Elk Park, N. C.

Mention The Review when you write.

NURSERY NEWS.

AMERICAN ASSOCIATION OF NURSERYMEN.

Pres., E. W. Kirkpatrick, McKinney, Tex.; Vice-Pres., C. L. Watrous, Des Moines; Sec'y, Geo. C. Seager, Rochester; Treas., C. L. Yates, Rochester. The 29th annual convention will be held at West Baden, Ind., June, 1905.

WESTERN nurserymen think prospects brighter than usual for this season.

IN the year 1904 the United States exported apples to the value of $6,712,557.

THE business of shipping forest seedlings has grown to be a large one in several sections of the south and west.

THE envelope bringing the catalogue of the Wm. H. Moon Co., Morrisville, Pa., advises that the contents is the "Horticultural Art Book."

IT develops that there are more plants of Crimson Rambler rose than were thought to be available by those who hoped for a stiffening in prices.

THERE will be no shortage in the ordinary varieties of peony next season, and some which are thought pretty good sorts here are to be had at low prices in France.

IN Georgia fumigation with hydrocyanic acid gas is now required, whether the stock is home grown or imported with the certificate of a state which does not require fumigation.

IT does not look as though there could be any shortage in peachtrees this season, although there are reports of some very large planting operations by orchardists. Elberta still has a big lead in popularity.

J. H. HALE says that because of its carliness, combined with other good qualities, Hiley has been the best money-making peach he has grown. He has taken thousands of trees of other varieties and budded them over to Hiley.

NURSERYMEN who have built storage houses above ground have found that one air space generally necessitated artificial heat to keep the frost out, while two or three air spaces, with the same thickness of wall, proved impervious to frost.

WM. A. PETERSON returned to Chicago February 17 after two months spent in California, where he left his family. He was recalled by a condemnation suit of the Drainage Board, set for hearing this week. The canal people want a strip 300 feet wide through the nursery.

Roses! Roses!

A. ROBICHON FILS, OLIVET, ORLEANS, FRANCE.

Over Half a Million Dwarfs (Grafted on Briar Stock NOVELTIES). 50,000 Dwarf-Budded, Standards, etc.

Also Fruit Tree Stock, Rose Stocks, Manetti, Grifferaie, etc.

Orders rapidly executed and in rotation. 1904-5 Catalogue to be had Free on application to my Sole Agent for U. S. and Canada.

JOHN SCHEEPERS, 2 Old Slip, New York.

Mention The Review when you write.

PRIVET For Sale

350,000 plants, all sizes, and of 2, 3 and 4 years old. All cut back, and now forked with three or four stems. Suitable for quickly making a thick hedge. We offer in four sizes, 2, 3, 4 and 5 feet high. Prices cut in half. F. o. b. Bristol, Pa. Terms 30 days from date of shipment.

Do You Want Any, What Size and How Many?

Orders now booked for shipment in March and April.

D. Landreth Seed Company, Bristol, Pa.

Mention The Review when you write.

PRIVET AND BOX EDGING

Fine home-grown stock of both at reasonable prices. Trees, Shrubs and Vines in assortment. SEND FOR WHOLESALE LIST.

SHREWSBURY NURSERIES, EATONTOWN, N. J.

Mention The Review when you write.

PEONIES

Festiva Maxima..... $35.00 per 100
White (generally called Queen Victoria)..... 9.00 per 100
Fragrans (the tall growing, heavy blooming variety)..... 6.00 per 100

For 1000 rate and other varieties, write

GILBERT H. WILD, Sarcoxie, Mo.

Mention The Review when you write.

400,000 Roses

We have a very fine lot of roses in 2-inch pots. Also **Small Shrubs and Herbaceous Plants.**

Send for lists.

The ELIZABETH NURSERY COMPANY

ELIZABETH, N. J.

Mention The Review when you write.

"BEAUTIFUL GROUNDS"

An illustrated Manual containing suggestions on Lawn Making, Planting and care of Shrubs and Trees, with names and descriptions of varieties hardy and of merit. Also information regarding Landscape Plans, Topographical Surveys, etc. A book you will often refer to. Send for it to-day. Free on application.

Peterson Nursery, 504 W. Peterson Ave., Chicago, Ill.

W. & T. SMITH COMPANY

GENEVA, N. Y.

Wholesale Growers of **ORNAMENTAL TREES, Shrubs, Roses, Clematis, Fruit Trees and Small Fruits** in great variety

Send for our Wholesale Price List.

EVERGREEN.

An Immense Stock of both large and small sized **EVERGREEN TREES** in great variety; also **EVERGREEN SHRUBS.** Correspondence solicited.

THE WM. H. MOON CO., Morrisville, Pa.

Mention The Review when you write.

HARDY NATIVE PENNSYLVANIA Rhododendrons

Large clumps 2 to 6 feet high, finest stock of Hardy Forest Rhododendrons in the United States, especially suited for planting on fancy lawns and large estates. Large orders especially solicited; can furnish 100 car loads; prices right.

Also 200,000 Extra Fine Apple Trees

Very cheap. A fine lot of

Plum, Pear, Peach, Cherry and Quince

a reasonable prices. Also a full line of small fruits. We solicit your inquiry and order, address

THE RIVERSIDE NURSERIES, Confluence, Pa.

Manetti Stocks

Just received in splendid condition.

No. 1, 5-10 mm., $10 per 1000; $95 per 10,000.

No. 2, 3-5 mm., $7.50 per 1000.

JACKSON & PERKINS CO. Newark, New York.

VAN DER WEIJDEN & CO.,

"The Nurseries," BOSKOOP, HOLLAND,

Have to offer **EXTRA FINE Blue Spruces** (Koster) from 2 to 5 ft. high. Taxus in all sizes. Conifers, hardy shrubs. H. P. Standard and Dwarf Roses. Crimson Rambler, etc., etc. Strictly first-class. Moderate prices.

Catalogue free on demand. No agents. For the trade only.

Mention The Review when you write.

CALIFORNIA PRIVET 1, 2 and 3 YEARS

Also Cuttings. Any reasonable offer will be accepted on lots of 5,000 to carloads.

RIVER VIEW NURSERIES

J. H. O'HAGAN, Little Silver, N. J.

Mention The Review when you write.

California privet is in large supply all over the country, but is also in large demand.

George Thomas, nurseryman, Sheffield, Ill., will sell out and remove to the State of Washington.

Commenting on the opinion expressed at the National Council of Horticulture, at St. Louis last November, that wise publicity would be of great value to the interests there represented, it is worthy of note that the same idea has maintained for several years in the American Association of Nurserymen. A few years ago a standing committee on publicity was authorized, but it has never accomplished anything of value to the trade. The present chairman is Ralph T. Olcott, of Rochester.

THE SCHIZOPHRAGMA.

I was much interested in the illustration and note, in the issue of February 9, on Schizophragma hydrangeoides growing at the A. W. Blake estate at Brookline, Mass. I well remember planting this specimen, as referred to, at the base of an oak tree in the spring of 1893, the plant then being two years old and very small. During my stay on the place I watched that plant and coaxed it to grow but it never would make a good start. Credit is due Mr. Wild for the thoughtfulness to remove it to a location at the foot of the walnut, where conditions better suited its needs, and I am glad to see it in such a flourishing condition. It is quite rare in the eastern states. It will be noted that the plant is not so old as Mr. Wild thought. Samuel J. Trepess.

Now is the Time to Plant Lily Bulbs

For Forcing for Decoration Day.

WE HAVE IN COLD STORAGE the FOLLOWING **JAPAN LONGIFLORUM,** all in first-class condition which we offer at very low prices:

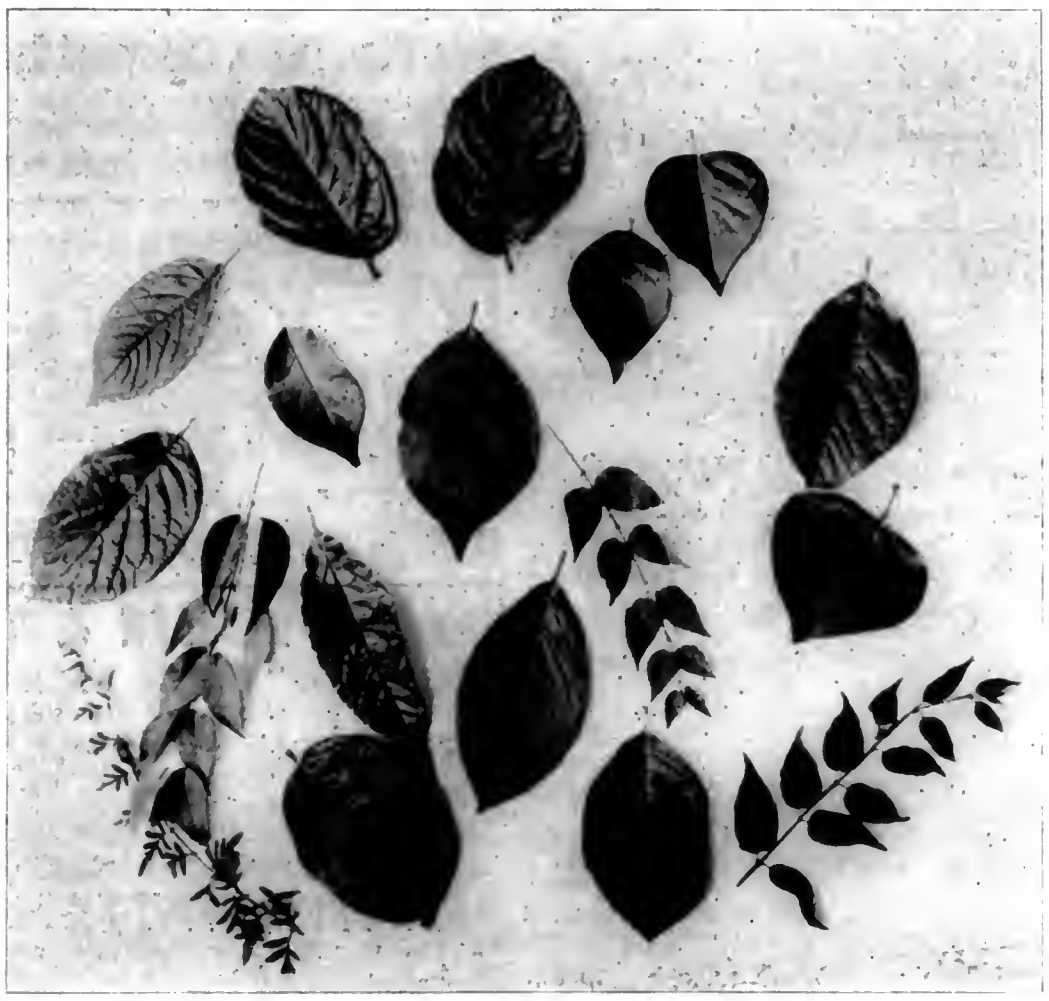
		In case	Per case	Per 1000
25 cases 7 to 9	Multiflorum	300	$14.00	$37.50
12 cases 9 to 10	"	200	17.50	75.00
15 cases 7 to 9	Regular .	300	14.00	37.50
21 cases 9 to 10	" .	200	17.50	75.00
6 cases 7 to 10	Giganteum	300	20.00	57.50

At no time in the past few years has there been enough of these Lilies to supply the demand Decoration Day and the wide-awake Florist will certainly take advantage of this offer.

E. H. HUNT, Chicago.

THE LILAC WEST.

"If one should ask the ordinary observer how many kinds there are," writes C. S. Harrison, "he would answer three, the common purple and white and the Persian. There are over 130 kinds now in cultivation, and the number is increasing by hybridizing. Why this great family of hardy ornamentals has been ignored and neglected all these years, it is hard to understand, for they are exactly what is needed to cheer up the great northwest. They are among the hardiest things we have, and there is hardly one in the large collection but what will thrive in Manitoba. The time of flowering reaches from early spring till about the first of July, and the variety of foliage is something wonderful, varying from the large corrugated leaves of Bretschneideri to the delicate foliage of Pekinensis and the feathery leaves of the cut-leaved Persian. We have secured a photograph of half a dozen kinds to show the rich variety. In color the blossoms range from snowy white to purple, and if you have a good collection you will have continuous bloom till the last of June. Vulgaris is the kind generally used in the west, but from my own experience at the York Experiment Station, I would recommend all the Persians, the two Rothomagensis, Bretschneideri, Josikæa, the Emodi, green and variegated; Villosa, Charles X, pyramidalis, Senator Volland, Glori d' Croncles, ligustrina, and the two tree lilacs."



Showing the Marvelous Diversity of Foliage in Lilacs.

BEST STRAWBERRIES.

Please give me a list of the best twelve varieties of strawberries for planting this spring. B. F. C.

Assuming that the subscriber wants the berries for home use, as no man would be likely to want twelve varieties for market, we would name: Climax, Heflin and Marshall for early, Kittie Rice, Margaret, Miller, Senator Dunlap and Wm. Belt for medium, and Klondike, President, Sample and Uncle Jim for late. M. C.

DREER'S RELIABLE FLOWER SEEDS



ASTERS

We offer below a few of the leading types, our stocks of which have been saved from selected strains and are sure to give satisfaction.

DREER'S SUPERB LATE BRANCHING.

The finest of all late flowering sorts, comes in late in August and September, flowers of largest size on very long stems.

	Trade pkt.	Oz.		Trade pkt.	Oz.
White	$.25	$1.00	Lavender	$.25	$1.00
Shell-pink	.25	1.00	Purple	.25	1.00
Rose-pink	.25	1.00	Crimson	.25	1.00
Finest Mixed Colors				.25	.75

QUEEN OF THE MARKET.

A splendid sort, flowering in July, large flowers, long stems.

	Trade pkt.	Oz.		Trade pkt.	Oz.
White	$.20	$ .60	Purple	$.20	$ .60
Lavender	.20	.60	Crimson	.20	.60
Pink	.20	.60	Finest Mixed	.15	.50

COMET.

A mid-season variety, flowering in August, loosely formed artistic flowers, long stems.

	Trade pkt.	Oz.		Trade pkt.	Oz.
Carmine	$.30	$1.50	Deep rose	$.30	$1.50
Dark blue	.30	1.50	Giant white	.30	1.25
Light blue	.30	1.50	The Bride, rose and white	.30	1.50
Peach-pink	.30	1.50	Finest Mixed	.30	1 25

PEONY PERFECTION.

A fine mid-season sort, large incurved flowers on good, long stems.

	Trade pkt.	Oz.		Trade pkt.	Oz.
Crimson	$.30	$1.50	Purple	$.30	$1.50
Light blue	.30	1.50	Bright pink	.30	1.50
Brilliant rose	.30	1.50	Pure white	.30	1.50
Finest Mixed Colors				.25	1.25

QUARTETTE OF AMERICAN ASTERS.

	Trade pkt.	Oz.
Daybreak, double Daybreak-pink, fine	$.40	$2.50
Purity, very double pure white	.40	2.50
Snowdrift, very early Comet type, white	.50	3.00
Lavender Gem, beautiful shade	.50	3.00

VICTORIA.

A grand August flowering Aster, very double flowers, fine for making up.

	Trade pkt.	Oz.		Trade pkt.	Oz.
Peach blossom pink	$.30	$1.75	Purple	$.30	$1.75
Dark scarlet	.30	1.75	Pure white	.30	1.75
Light blue	.30	1.75	Rose tinted white	.30	1.75
Finest Mixed Colors				.30	1.50

For other Asters, Petunias, Salvias, Sweet Peas, Verbenas, etc., see Wholesale Price List.

HENRY A. DREER, 714 Chestnut Street, Philadelphia, Pa.

Mention The Review when you write.

Carlson Improved

ASTER SEED

Pure Strain. Recognized as the leading Aster for Cut Stock. No disease. N"o yellows."

EARLY WHITE	Trade pkt.,	25c;	¼ ounce.,	50c;	ounce.,	$1.50
LATE WHITE	"	25c	"	50c	"	1.50
SHELL PINK	"	25c	"	50c	"	1.50
LAVENDER	"	25c	"	50c	"	1.50

Order early to insure getting all colors.

E. H. Hunt, 76-78 Wabash Ave., Chicago

Mention The Review when you write.

Two Grand New Asters

Benthey's White
Benthey's Pink

The Seed of the Two Varieties is ready for distribution now.

PRICE LIST

TRADE PACKAGE	$1 00
¼ OUNCE, White or Pink	2 50
½ OUNCE, " "	4 50
1 OUNCE, " "	8 00

For further information write

The Benthey-Coatsworth Co.

35 Randolph St., Chicago.

Mention The Review when you write.

Quality not Quantity
THE ASTER KATE LOCK

Has Been Grown 48 in. High.

Finest aster in existence. Blooms 5 to 6 inches in diameter, full centers, stems 36 to 48 inches. Shown at largest exhibitions in Canada and taken everything before it. Has never been beat. Colors:—White, Daybreak and mixed. $2.00 per 1000 seeds. No agents. Not less than 1000 seeds sold. Do not send checks.

Originator, **J. H. LOCK,** 41 Manchester Ave. TORONTO, ONT.

Mention The Review when you write.

Seed Trade News.

AMERICAN SEED TRADE ASSOCIATION.

Pres., C. N. Page, Des Moines, Ia; First Vice-Pres., L. L. May, St. Paul; Sec'y and Treas., C. E. Kendel, Cleveland. The 23rd annual meeting will be held on the St. Lawrence, June, 1905.

RED onion sets seem to be scarce; yellows and whites are stiffening in sympathy.

WM. F. NICHOL has been elected president and manager of the St. Louis Seed Co., St. Louis, and John A. Rau has been admitted to the firm.

REPORTS for the week show that moderate temperature was the only thing that was needed to bring in the orders. The strenuous time for the mail order seedsman is at hand.

Aster Seed

SEMPLE'S SHELL-PINK and WHITE

These are the most beautiful Asters grown. Oz. 40c; lb $5.00.

A. W. SAMPSON, PENN YAN, N. Y.

Mention The Review when you write.

TELEPHONE and a few other main crop wrinkled sorts are the only kinds of peas having life in them.

IT was thought that wax beans would be offered more plentifully after a little time, but as yet they are as scarce as ever.

COMMENTING on the entrance of the general mail order houses into the mail order seed trade, a leading wholesale seedsman states that he was a year or two ago deterred from a seriously con-

Bermuda Harrisii Bulbs

THE "SEMPER IDEM" BRAND

I am now booking orders for July and August delivery.
Prices on application.

CHAS. A. V. FRITH, HAMILTON, BERMUDA

Mention The Review when you write.

sidered venture into that field by the conviction that the future of this department of the trade would not warrant the investment necessary to get recognition for a new house.

THIS is fine weather for the onion set shipper and it pleases the buyer at the other end.

A BILL providing for the inspection of the sale of seeds is being actively opposed by Canadian seedsmen.

THERE is a brisk demand for gladioli in Holland and all sorts will clear nicely despite the very good crop last year.

THE Globe varieties of onion seed are thought scarce enough to warrant advanced prices, judging from late quotations.

THE agricultural appropriation bill, with its provision for free seed distribution in 1906, is held up by a dispute between the House and Senate.

THE Dutch bulb growers fear injury to crops by the partial uncovering of the fields by high winds before the time for thinning the winter cover had arrived.

THE total value of seeds imported in the year 1904 was $3,394,084 according to figures of the United States Department of Commerce. In the same period we exported seeds to the value of $2,257,085.

THE general magazines are not carrying so much space in seed advertisements as in past seasons. One house found, after considerable study of results, that requests for catalogues cost, from advertising in the monthlies of general circulation, about 50 cents each, to which was to be added cost of book and postage. First orders from names so obtained averaged about $1.25 each and only a fraction of the inquiries resulted in orders, evidence that the parties had written at the same time for catalogues from several houses, manifestly unprofitable all around. This house now gets its new names principally by a circular to customers offering to send a packet of sweet peas free in return for the addresses of ten neighbors who have gardens. The value of these names will probably be determined within the next ninety days.

CATALOGUES RECEIVED.

Wood, Stubbs & Co., Louisville, Ky., Success with Lawns; Henry A. Dreer, Philadelphia, Suggestions for the Garden; Nathan Smith & Son, Adrian, Mich., chrysanthemums, etc.; Adolphus Wysong, Lebanon, Ind., seeds.

Velvet Beans!

WE ARE HEADQUARTERS

STATE NUMBER OF BUSHELS WANTED. WRITE US ☞ NOW!

CRENSHAW BROS., Tampa, Fla.

LEONARD SEED CO. CHICAGO

WRITE FOR PRICES WE ARE HEADQUARTERS FOR ONION SETS

Flower Seeds and Bulbs

WHOLESALE SEED GROWERS

Seeds for present requirements ready to ship. Contract orders for delivery after harvest 1905 are being booked now.
BEANS, PEAS AND GARDEN SEEDS. Write for Prices.

Lawn Grass Seed in bulk and packages



PINE TREE TRADE MARK BRAND

Special Prices to dealers.

GOLF MIXTURES.

THE ALBERT DICKINSON CO.
Minneapolis. Chicago.

Mention The Review when you write.

LONDON WHOLESALE SEEDSMEN

Nutting & Sons.

This house is one of long standing. A. M. Flanagan who established the house was a traveler for a firm known as Warner & Warner, and he took into partnership Messrs. Chubb and Nutting. Mr. Chubb presently retired and the firm became known as Flanagan & Nutting. A separation took place in 1842. The present partner, W. J. Nutting, joined his father in 1852, and his brother, H. C. Nutting, a year later. The business was taken to the Barbican in 1855; it remaining there for twenty-five years, when it was transferred to 106 Southward street, the premises having previously been occupied by the London branch of the seed business of Peter Lawson & Sons, of Edinburgh.

Hurst & Sons.

This firm was founded in 1843 by William Hurst and William G. Mullen, who, for many years previously had been assistants in the house of Warner & Warner, Cornhill. In a few years Mr. McMullen withdrew, and set up in business in St. Martin's Lane, W. C. Then Mr. William Hurst joined his father, the business becoming known as Hurst & Son; and subsequently N. Sherwood, so well known in the seed trade, became the head of the firm, in the administration of which he is assisted by his sons, William and Edward Sherwood. The headquarters of the firm now are at 152 Houndsditch, where a very extensive business has been built up, says Richard Dean in the Horticultural Trade Journal.

SEED GROWERS

Field, Sweet and Pop Corn, Cucumber, Melon and Squash Seed. Write us before placing contracts. We have superior stock Seed and can furnish you good Seed at reasonable prices. Address

A. A. BERRY SEED COMPANY, Clarinda, Ia.

Mention The Review when you write.

The Time Has Come

When the shrewd buyer of Asparagus plumosus nanus seed will jump in and secure the best fresh seed grown under glass especially for us, at the following ridiculously low prices:

100 seeds	$0 60
250 seeds	1 50
1000 seeds	4 00
5000 seeds	19 00

That is our offer—We doubt whether such a fine lot of this profitable seed can be found anywhere else.

Send for our Wholesale Catalogue.

Henry F. Michell Co.
1018 Market Street
PHILADELPHIA, PA.

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Thorburn's Bulbs

Lily of the Valley PIPS!

Largest and finest stock in splendid condition.....

Per case of 3000 for $24.00
2 or more cases at $7.50 per 1000

J. M. THORBURN & CO.
36 Cortlandt St. NEW YORK.

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SOW NOW!

Rawson's Mammoth **Verbenas**

Unrivalled for size, beauty and variety of colors.
¼ OUNCE, 30c; OUNCE, $1.00.

W. W. RAWSON & CO., Seedsmen,
12 and 13 Faneuil Hall Sq., BOSTON, MASS.

Mention The Review when you write.

RALPH M. WARD & CO.

Exporters and Importers
17 Battery Place, NEW YORK

Horseshoe Brand **Bulbs, Plants,**

Valley our Specialty Cold Storage Pips Always on Hand.

Mention The Review when you write.

TOO MANY ORDERS.

Please discontinue our advertisement of cinerarias. Your prompt attention will oblige us we are all sold out and do not like to have to return checks to people who wish to buy, as they are apt to be displeased.

PORT ALLEGANY GREENHOUSES.

FLORACROFT Prize Strain GLADIOLI Immense Spikes. Orchid-like Blooms.

HAVE RECEIVED THE HIGHEST AWARD WHEREVER EXHIBITED.

	100	1000
Floracroft Prize Mixture, 1st size	$1.50	$10.00
" " " 2d size	1.00	7.50
Groff's New Hybrids, 1st size	2.00	18.00
Orange and Yellow	2.75	26 00
Pink Shades, mixed, 1st size	1.50	12.00
Brenchleyensis, scarlet	$1.25	$9.00
Striped and Variegated	2.25	20 00
White and Light	1.75	15 00
Lemoine's Hybrids, mixed	1.50	12.00
Am. Hybrids, choice mixed	1.00	9.00

CHINESE HERBACEOUS PEONIES.

	Per doz.	Per 100
Double White	$1.50	$10.00
Double Pink	1.25	8.00
Double Red	$1.25	$8.00
Double Dark Red	1.25	8.00

TUBEROSES EXCELSIOR DWARF DOUBLE PEARL.
4 to 6 inches, 85c per 100; $7.50 per 1000.

Now Ready, CYCAS STEMS, BEGONIAS, GLOXINIAS. Write for prices.

JOHNSON & STOKES. 217-219 Market St., **Philadelphia, Pa.**

Mention The Review when you write.

BURPEE'S SEEDS GROW AND WIN MORE PRIZES

than the products of any other brand! Besides several **Gold Medals**, they won a **Grand Prize** for vegetables at the **St. Louis Exposition.** If you intend to **try Burpee's Seeds**, we will mail free our **Complete Catalogue of 178 pages**, with beautiful colored plates and illustrations from photographs taken at our famous FORDHOOK FARMS, the largest Trial Grounds in America. If you garden for profit or are a florist you should also have Burpee's "Blue List" or Wholesale Price List for Market Gardeners and Florists.

WRITE TODAY!

W. ATLEE BURPEE & CO., Seed Growers, PHILADELPHIA

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HAVING BEEN AWARDED THE GRAND PRIZE

For My Exhibition of **GLADIOLI** At the World's Fair

it is with increased confidence in my ability to supply superior stock that I solicit a continuance of patronage, and new customers. **Groff's Hybrids and other sorts the best obtainable.**

Write for Catalogue. **ARTHUR COWEE, Gladiolus Specialist, Meadowvale Farm, Berlin, N.Y.**

RUSSIAN LILY OF THE VALLEY

Per 1000	$ 15 00
Per 2500	32 00
Per 10000	125 00

THE BEST FOR EARLY OR LATE FORCING.

STUMPP & WALTER CO.
Branch, 404 E. 34th St. 50 BARCLAY ST., NEW YORK.

Mention The Review when you write.

VALLEY PIPS

Best German forcing and forcing **LILACS, SPIRAEA CLUMPS.** in sorts, selected **LONGIFLORUM BULBS, CRIMSON RAMBLERS, AZALEAS** and other Easter forcing **Plants** and **Bulbs** imported to order. Fall delivery.

Address: **AUGUST ROLKER & SONS,** 31 BARCLAY ST. P. O. BOX 752. **NEW YORK**

Mention The Review when you write.

Japan Bamboo Stakes

In Large Quantities. Write for Prices.

SUZUKI & IIDA, 31 Barclay St., NEW YORK.

Mention The Review when you write.

JUST THINK OF IT!

Caladium Esculentum		Tuberoses Pearl.	
7- 9	$3.25 per 100	3-4	$3.25 per 1000
9-11	5.25 "	4-6	7.50 "

Order quick. No orders taken after March 1.

TONY TOERNER, - - Scio, Ohio

Mention The Review when you write.



Gladiolus Bulbs

Our bulbs are not better than the best, but better than the rest
TRY THEM.

Cushman Gladiolus Co.
SYLVANIA, OHIO.

Mention The Review when you write.

HOLLYHOCKS---CHOICE SEEDS

We offer superb, separate single colors, 8 kinds, 90c per oz.; we offer superb, single colors, 8 kinds mixed, 80c per oz.; Double Hollyhocks in 6 separate colors, 90c per oz.; Double Hollyhocks, 6 varieties, mixed, 50c per oz.; Hollyhocks, strong field plants, double colors, $5.00 per 100; Hollyhocks, strong field plants, single colors, $5.00 per 100. CASH WITH ORDER PLEASE.

JOHN CHARLTON & SONS, ROCHESTER, N.Y.

Mention The Review when you write.

D. RUSCONI

Importer of Bulbs, Plants and Shrubbery.

Azalea Mollis and Rhododendrons—45c each, or 40c in 50 lots.

Roses—Home grown and imported—Amaryllis Johnsoni, Box Trees, Tuberoses, Cannas, Caladiums, Dahlias, Etc. Write for Prices.

32 W. 6TH STREET, CINCINNATI, OHIO

Mention The Review when you write.

30 BULBS TUBEROUS BEGONIAS FOR $1.00 POSTPAID.

See last week's issue for prices by the 100.

HUBERT & CO.,
N. Le PAGE, Rep. MT. VERNON, N. Y.

Mention The Review when you write.

SAMUEL S. PENNOCK,
Gardenias, White Violets. The Wholesale Florist of Philadelphia
Asparagus Plumosus Nanus Seed, greenhouse-grown. $4.50 per 1000.
Mention The Review when you write.

The Cleveland Cut Flower Company,
WHOLESALE CUT FLOWERS, FLORISTS' SUPPLIES, WIRE DESIGNS.
52 and 54 High Street, CLEVELAND, OHIO.
Mention The Review when you write.

Headquarters for FANCY CARNATIONS and ROSES
PITTSBURG'S LARGEST AND OLDEST WHOLESALERS.
PITTSBURG CUT FLOWER CO. (Limited) 504 Liberty Ave. Pittsburg, Pa.
Mention The Review when you write.

TORONTO.

The carnation show held under the auspices of the Toronto Gardeners' and Florists' Association and the Horticultural Association took place in St. George's hall on February 16. Although the exhibition was not as great a success in point of quantity as in former years, the quality was certainly up to the mark, if not ahead of other years. Especially might this be said of the American stock exhibited, which we reluctantly admit quite outclassed our Canadian product. The exhibit of the Chicago Carnation Co., which is at present defender of the Canadian challenge cup, was certainly fine. They put up a vase of Cardinal, a vase of Enchantress and a vase of Lady Bountiful. Lady Bountiful, scoring 95 points, captured the cup and thus the Chicago Carnation Co. won the cup for the second time. Another competitor for the cup was Palmer & Son, of Lancaster, N. Y., with Red Lawson. This shipment unfortunately arrived frozen and consequently was not in good condition to compete. C. W. Ward, of the Cottage Gardens Co., exhibited Robert Craig, a good red which showed up fine and scored 92 points. J. E. Haines exhibited by J. E. Haines, of Bethlehem, Pa., also red, scored well and looked promising. E. G. Hill Co., of Richmond, sent an exhibit of Lady Bountiful and Cardinal which unfortunately was delayed through a snow blockade and did not arrive until 6 o'clock, too late for judging. This stock, however, was scored and Lady Bountiful scored 95 and Cardinal 97 points. This would have captured the cup had it arrived in time.

For the best display of carnations John H. Dunlop, of this city, won first and the Chicago Carnation Co. second. For display of cut flowers, John H. Dunlop was first and Wm. Fendley, Brampton, second. For bank of plants, Manton Bros. were first and J. H. Dunlop second. It might be noted that outside of carnations the roses exhibited by Dunlop were of very fine quality, considering that at present roses are practically off crop with all growers, as the weather has been very severe. Fendley as usual showed some fine violets. His carnations were good flowers but weak in stem. A shipment of Carnation My Maryland from H. Weber & Sons, Oakland, Md., did not arrive until two days after the show. Wm. Scott, of Buffalo, was judge and as usual his awards were according to merit.

Ontario has during the past week been visited by very severe weather and consequently the railroads were in many cases badly tied up and quantities of cut flowers are being refused by the express companies, as they cannot get them through in time. In this way shipping trade has been considerably hampered. City trade has been good and February has seen considerable improvement over January business.

D. J.



Cattleyas, per dozen ..... $5.00 to $7.50
Cypripediums, per dozen ..... 1.50 to 2.00
Asst. Orchid Sprays, etc., per box 5.00 to 25.00

ORCHIDS
AND
Fancy Cut Flowers
A SPECIALTY.

If you want Choice Cut Flowers at any time or all the time, send to
CHARLES W. McKELLAR
51 Wabash Avenue, CHICAGO.
Western Headquarters for Choice
ORCHIDS, FANCY VALLEY, VIOLETS, BEAUTIES, TEA ROSES, CARNATIONS. Wild Smilax, Asparagus, Adiantum, Smilax, Fancy Ferns always in abundance. Also a complete line of all Florists' Supplies, Novelties and Wire Work.
L. D. Phone Central 3598. Automatic 3623.
Mention The Review when you write.

Fancy or Dagger Ferns



$1.25 per 1000. Galax, brilliant bronze or green, 75c per 1000; $6.50 per case, 10,000. Laurel festooning, hand made, full sizes, 4c. 5c and 6c per yard, made fresh daily from the woods. Send us your orders at once and we will please you. Branch Laurel, 35c per large bundle. Southern wild Smilax, 50 lb. cases, $5.50 per case. Laurel wreaths and Princess pine wreaths made all sizes and prices. Princess pine by the pound and made into roping. Tell us your wants and we will name you prices.
CROWL FERN CO., - - - MILLINGTON, MASS.
Mention The Review when you write.

PHILADELPHIA CUT FLOWER CO.

R. C. HAYDEN, Secretary and Treasurer. WM. J. MUTH, Manager.

PROMPT SERVICE GUARANTEED.

Daily Receivers and Shippers of Every VARIETY of SEASONABLE STOCK

Our Specialties--Choice Carnations, White Lilacs, Tulips, Daffodils and Mignonette.

1516-1518 Sansom St., Philadelphia.

Mention The Review when you write.

BERGER BROTHERS, Tulips, Carnations.

1220 Filbert Street, BELL AND KEYSTONE TELEPHONES. PHILADELPHIA.

Mention The Review when you write.

Eugene Bernheimer

WHOLESALE FLORIST
11 SOUTH 16TH STREET, Philadelphia, Pa.

White Lilacs, Mignonette, Carnations.

Mention The Review when you write.

Peter Reinberg

51 Wabash Ave., CHICAGO.
WHOLESALE
Cut Flowers.

LARGEST GROWER IN THE WORLD.....
A Million Feet of Modern Glass.

Current Price List.

	Per doz.
AMERICAN BEAUTIES—	
Extra select	$6.00
30-inch stems	5.00
24-inch stems	3.00
20-inch stems	2.50
15-inch stems	2.00
12-inch stems	1.50
Short stems	$6.00 to $10.00 per 100.
	Per 100
LIBERTY	$4.00 to $15.00
CHATENAY	8.00 to 10.00
" seconds	4.00 to 6.00
MAIDS AND BRIDES	6.00 to 8.00
" " " seconds.	4.00 to 5.00
PERLE	4.00 to 8.00
UNCLE JOHN	8.00 to 12.00
" " seconds	4.00 to 6.00
SUNRISE	4.00 to 10.00
CARNATIONS	2.00 to 4.00

All flowers are perfectly fresh and properly packed.
No charge for P. & D. on orders over $5.00.

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ROSES High Grade cut blooms at all times

HELLER BROS., NEW CASTLE, IND.
SOUTH PARK FLORAL CO.

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JOHN E. WALKER (Member of the New York Bar),.....Secretary and Treasurer.

56 Pine St., Wallace Bldg., Rooms 601-603 NEW YORK CITY

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

Philadelphia, Feb. 22.

	Per doz.
Beauty, Specials	7.50
" Extra	$5.00 to 6.00
" Medium	3.00 to 4.00
" Short	1.50 to 2.00
	Per 100
Bride and Bridesmaid, Fancy	12.00 to 15.00
" " Ordinary	4.00 to 6.00
Liberty, Fancy	25.00 to 35.00
" Select	12.00 to 15.00
" Ordinary	5.00 to 8.00
Golden Gate	4.00 to 12.00
Meteor	4.00 to 10.00
Kaiserin	5.00 to 12.00
Sunrise	4.00 to 10.00
Carnations, Fancy	5.00 to 6.00
" Select	2.00 to 4.00
" Ordinary	1.50
Orchids, Cattleyas	50.00
Adiantum Cuneatum	1.00
" Croweanum	1.50
" Farleyense	10.00
Asparagus Plumosus, Strings	50.00
" Sprays, per bunch	.50
" Sprengeri, per bunch	.50 to .75
Callas	10.00 to 18.00
Daisies, White or Yellow	1.50 to 3.00
Lilium Harrisii	12.50 to 15.00
Mignonette, Fancy	4.00 to 5.00
" Ordinary	2.00
Paper Whites	2.00 to 4.00
Tulips	2.00 to 4.00
Daffodils	3.00 to 4.00
Lilac, White per bunch	1.00 to 2.00
Smilax	12.50 to 15.00
Sweet Peas	.50 to 1.00
" " Select and White	2.00
Gardenias	12.50
Valley, Fancy	4.00 to 5.00
" Ordinary	2.00 to 3.00
Violets, Double	.50 to .75
" Single	.35 to .50
" White	1.50
Freesias	3.00 to 4.00
Myosotis	1.00
Pansies per bunch	.05
Romans	3.00 to 4.00
Acacias per bunch	2.00

I FIND the REVIEW a great help and would not do without it.—O. B. STEVENS, Shenandoah, Ia.

WE esteem the REVIEW very highly for its Seed Trade News.—BINGHAMTON SEED CO., Binghamton, N. Y.

JOSEPH HEACOCK

WYNCOTE, PA.
Grower of
Kentia Belmoreana and Kentia Forsteriana

Mention The Review when you write.

EDWARD REID,

WHOLESALE FLORIST.
The Best of Everything
1526 Ranstead St., PHILADELPHIA.
Store closes at 8:00 p. m. Long Distance Phone.

Mention The Review when you write.

WILLIAM J. BAKER,

WHOLESALE FLORIST,
CARNATIONS, DAFFODILS, SWEET PEAS, VALLEY.
1432 South Penn Square, Philadelphia.

Mention The Review when you write.

FRED EHRET, Wholesale Florist

Can Furnish
BRIDES AND MAIDS
In large quantities of best quality.
All kinds of bulbous stock always on hand.
1403-5 Fairmount Ave., PHILADELPHIA.
Established 1890.

Mention The Review when you write.

Michigan Cut Flower Exchange.

WM. DILGER, MANAGER.
All Ferns, Fancy and Dagger
$1.50 Per 1000.
38-40 Miami Avenue, Detroit, Mich.

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HOLTON & UNKEL CO.

WHOLESALE FLORISTS,
MILWAUKEE, -- WIS.

Mention The Review when you write.

CHAS. D. BALL,

GROWER ....OF **Palms, Etc.**
Send for Price List.
HOLMESBURG, PHILADELPHIA, PA.

Mention The Review when you write.

Pandanus Veitchii!

6-inch pots, $1.00 each; $12.00 a dozen.
Also larger sizes.
JOHN WELSH YOUNG
Upsal Station, Penna. R. R.
GERMANTOWN, PHILADELPHIA.

Mention The Review when you write.

Charles Millang, 50 W. 29th St. New York

We are **headquarters** for **every kind** of Cut Flowers in their **season.**

Reasonable Prices. Square Dealing.
Out-of-town florists promptly attended to. Telephone for what you want.
Tel. 3860, 3861 Madison Square.

Moore, Hentz & Nash
Wholesale Florists.
55-57 W. 26th St.
NEW YORK CITY.
SHIPPING ON COMMISSION.
Telephone 756 Madison Square

VALLEY, FARLEYENSE, CARNATIONS Shipped at New York Prices
ALFRED H. LANGJAHR,
55 West 28th Street, NEW YORK.
CONSIGNMENTS SOLICITED—PROMPT PAYMENTS.
Telephone 3924 Madison Sq.
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JAMES McMANUS, Telephone, 759 Madison Square. 50 W. 30th St., NEW YORK
Beauties, Meteors, Brides and Bridesmaids are the leaders.
THE HIGHEST GRADE OF VALLEY ALWAYS ON HAND
ORCHIDS A SPECIALTY.
HEADQUARTERS FOR NOVELTIES

W. GHORMLEY,
The Largest Commission House in America for Roses, Violets and all other varieties of Cut Flowers.
WHOLESALE COMMISSION
57 WEST 28TH ST., NEW YORK
'PHONE 2200 MADISON SQ., which ring, connects you with all our TELEPHONES.
MY LARGE SHIPPING TRADE ENABLES ME TO COMMAND THE HIGHEST PRICES.
Special arrangements this season for the extensive handling of American Beauties
Mention The Review when you write.

WALTER F. SHERIDAN,
Wholesale Commission Dealer in
CUT FLOWERS
39 West 28th St., NEW YORK.
(Established 1882)
Receiving Extra Quality American Beauties and all other varieties of Roses.
Telephone 902 Madison Square. Carnations.
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WHOLESALE FLORISTS,
55 and 57 W. 26th St., Cut Flower Exchange, NEW YORK
OPEN ALL DAY.
AN UNEQUALLED OUTLET FOR CONSIGNED FLOWERS.
Telephone No. 2438 Madison Sq.
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ESTABLISHED 1872.
JOHN J. PERKINS
WHOLESALE AND COMMISSION FLORIST,
115 West 30th St., NEW YORK
Tel. No. 956 Madison Square.
WANTED. A few more reliable growers of Carnations and Violets. Only first-class stock handled. Consignments solicited. Quick returns to shippers. Highest market prices guaranteed.
Mention The Review when you write.

THE ONLY HOUSE handling the New Red Carnation **"VICTORY"** to be disseminated 1906. Also a complete line of choicest flowers.
ALEX. J. GUTTMAN
WHOLESALE FLORIST
Phones 1664-65 Madison Sq.
52 W. 29th Street, NEW YORK
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FRANK MILLANG,
CUT FLOWER EXCHANGE,
Coogan Building, 55-57 West 26th St. NEW YORK CITY
Phone 299 Madison Square.
Open from 6:00 a. m. to 5:00 p. m. Everything for the Florist in Seasonable Flowers all the year around.
Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

Wholesale Cut Flower Prices.

New York, Feb. 20.

		Per 100
Beauties,	Specials	$35.00 to $50.00
"	Extra	15.00 to 20.00
"	No. 1	10.00 to 15.00
"	Shorts	8.00 to 4.00
Brides and Maids,	Special	10.00 to 12.00
" "	Extra	6.00 to 8.00
" "	No. 1	4.00 to 6.00
" "	No. 2	2.00 to 3.00
Golden Gate		8.00 to 10.00
Liberty		5.00 to 25.00
Mme. Chatenay		2.00 to 10.00
Meteors		2.00 to 6.00
Orchids, Cattleyas		40.00 to 60.00
Cypripidiums		6.00 to 12.00
Carnations,	Common	.50 to 1.00
"	Selects	1.50 to 2.00
"	Fancies	2.00 to 3.00
"	Novelties	3.00 to 6.00
Adiantum Cuneatum		.50 to .75
Asparagus Plumosus, Strings		25.00 to 50.00
Asparagus Sprengeri, bunches		15.00 to 30.00
Lilies		6.00 to 10.00
Lily of the Valley		1.00 to 3.00
Smilax		8.00 to 12.00
Violets		.20 to .40
"	Specials	.50 to .75
Narcissi		1.00 to 4.00
Callas		10.00 to 12.00
Daisies		.50 to 1.00
Pansies	doz. bunches	.25 to .35
Tulips		1.00 to 4.00
Mignonette		2.00 to 8.00

PLEASE discontinue my advertisement of geraniums, as the plants are all sold; am highly pleased with results.—A. C. BUTERBAUGH, Waynesboro, Pa.

HERE is another dollar for renewal; the last number was worth more than the subscription price for the entire year.—VALDESIAN NURSERIES, Bostic, N. C.

A. L. YOUNG & CO.,
WHOLESALE FLORISTS,
Receivers and Shippers of Cut Flowers. Consignments Solicited.
Tel. 3559 Madison Sq. 54 W. 28th St., New York.
Mention The Review when you write.

FORD BROS.
111 W. 30th Street, NEW YORK.
Telephone 3870—3871 Madison Square.
The LARGEST SHIPPERS and RECEIVERS OF **Fresh Cut Flowers**
A complete assortment of the best in the market can always be relied upon.
Mention The Review when you write.

WILLIAM H. GUNTHER
30 West 29th Street,
Phone 551 Madison Square, NEW YORK.
Violets, Roses, Carnations, Orchids.
Established 1888.
GROWERS — Important — Special advantages for you this season. Write or see us.
Mention The Review when you write.

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WHOLESALE FLORIST,
46 West 29th Street, NEW YORK CITY.
Telephone No. 3393 Madison Sq.
CONSIGNMENTS OF ALL FIRST-CLASS FLOWERS SOLICITED.
VIOLETS our specialty.
Mention The Review when you write.

JOSEPH S. FENRICH
Wholesale Florist,
48 West 30th Street, NEW YORK CITY
Phone 325 Madison Square
Orchids, Roses, Carnations, Violets and Every Variety of Cut Flowers.
"THE RELIABLE HOUSE"
Mention The Review when you write.

JAMES A. HAMMOND,
Wholesale Commission Florist,
113 W. 30th St., NEW YORK CITY
Tel. 854 Madison Sq.,
Consignments receive conscientious and prompt attention. Highest market price guaranteed. The finest stock in the market always on hand.
Mention The Review when you write.

For **SOUTHERN WILD SMILAX**
(Where Quality is First Consideration.)
Write, Wire or Phone the Introducers.
CALDWELL THE WOODSMAN CO.,
EVERGREEN, ALA.
NEW CROP Southern Wild Smilax now ready in limited quantities.
Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

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Telephone 167 Madison Square.

Wholesale Commission Florist, 106 West 28th St., NEW YORK CITY.

American Beauties—Orchids—Roses—Carnations—Violets

AND EVERY VARIETY OF CUT FLOWERS

Mention The Review when you write.

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Importers and Growers of High-Grade JAPAN LONGIFLORUM LILIES,

Woodside, Long Island, N. Y.

Hinode Florist Co., A large range of new greenhouses is being erected at Whitestone for lily forcing. Plants and flowers supplied in any quantity throughout the season. Our stock is of the best type, well grown, and **holds the record** as the finest handled by the florists of New York City last Easter.

Whitestone, N. Y.

Quaint and curious Japanese plants on hand for shipment all the year around. **Telephone Connection.**

Mention The Review when you write.

YOUNG & NUGENT

42 West 28th Street, NEW YORK.

Telephones, 2065-2066 Madison Sq.

ORCHIDS, GARDENIAS, VIOLETS ROSES, CARNATIONS

and a large assortment of other Flowers, according to season.

TO BUYERS—Send us your orders. We will ship you Flowers, none better. Not cheap ones, but best in New York. Give us a trial and you will not be disappointed.

Mention The Review when you write.

George Cotsonas & Co.

Wholesale and Retail Dealers in all kinds of



Ever-greens



FANCY and DAGGER FERNS.

GALAX—Brown and Green.

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LEUCOTHOE SPRAYS, PRINCESS PINE, HOLLY, SOUTHERN WILD SMILAX.

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The Kervan Company,

WHOLESALE DEALERS.

All Decorating Evergreens, Galax, Leucothoe, Mosses, etc.

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Telephone 1519 Madison Square.

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Choice stock, full weight, 50-lb. case, $6.00; 25-lb. case, $3.25.

Galax—Brilliant bronze or green, selected, $1.00 per 1000; $3.75 per 5000.

Leucothoe Sprays—Green or bronze, 90c per 100; $7.50 per 1000.

Sphagnum Moss—Large bale, $1.75; by freight, $2.00. **Green Sheet Moss**—Per bbl. sack, $2.50.

All Kinds of Florists' Supplies.

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Mention The Review when you write.



Hardy Cut Fancy and Dagger Ferns,

$1.50 per 1000, best quality. Discount on larger orders.

BRILLIANT BRONZE and GREEN GALAX, $1.00 per 1000.

We carry the finest and most complete line of Decorative Evergreens and Florists' Supplies. Our Specialties are Dagger and Fancy Ferns, A-1 quality, $1.00 per 1000. Laurel Festooning, good and full, hand made, 5c and 6c per yard. Green and Sphagnum Moss, $1.00 per bbl. Sphagnum Moss, 50c a bag, 5 bags, $2.00. Ivy Leaves, $4.00 per 1000.

Sprengeri, 25c and 50c per bunch. Asparagus Plumosus, 50c per bunch and 50c per string. Leucothoe Sprays, $1.00 per 100 or $7.50 per 1000.

We also carry a full line of Florists' Supplies, such as Tin Foil, Cut Wire, Corrugated Boxes—all sizes, Folding Flower Boxes, Ribbon—all sizes and colors, all kinds of Letters, Wire Designs, Cycas Leaves, etc. Our stock is of the best quality and at the most reasonable rates. Please write for our price list. Orders by mail, telephone or telegraph will receive our most careful and prompt attention.

L. D. Tel. 2618 Main. **HENRY M. ROBINSON & CO., 8 and 11 Province St., BOSTON, Mass.**

Wholesale Cut Flower Prices.

Boston, Feb. 22.

	Per 100	
Beauties, Specials	$40.00 to	$65.00
" Extra	20.00 to	35.00
" Short Stems	4.00 to	10.00
Brides, Specials	10.00 to	25.00
" Seconds	4.00 to	8.00
Bridesmaids, Specials	10.00 to	20.00
" Seconds	4.00 to	8.00
Liberty	4.00 to	25.00
Chatenay	4.00 to	12.00
Cattleyas	35.00 to	50.00
Cypripediums	8.00 to	10.00
Carnations, Special	3.00 to	4.00
" Select	2.00 to	2.50
" Ordinary	1.00 to	1.50
Violets, single	.30 to	.75
" double	.25 to	.60
Lily of the Valley	2.00 to	3.00
Mignonette	2.00 to	4.00
Asparagus Plumosus, Strings	35.00 to	50.00
" " Sprays, bunch		.50
" Sprengeri, bunch		.50
Smilax	8.00 to	10.00
Adiantum	.75 to	1.00
Callas	8.00 to	10.00
Lilium Harrisii	8.00 to	12.00
Sweet Peas	1.00 to	2.00
Marguerites		1.00
Freesias	2.00 to	3.00
Yellow Daffodils	2.50 to	3.50
Tulips	2.00 to	3.00

As long as I remain in the business I must have the REVIEW; it is the best paper for the trade.—S. B. RITTER, Port Royal, S. C.

THE REVIEW is all right; you are certainly alive to the interests of the florists and your advertisers; keep it up.—S. M. HARBISON, Danville, Ky.



FERNS

FANCY AND DAGGER

$1.25 per 1000. Cash or satisfactory references.

Also Laurel by the 100 lbs. or by the yard. Laurel, 100 lbs. $2.50; Laurel by the yard, 4 and 5 cts. per yard. Balsam Brush for making Balsam Pillows, 75 cents per 100, F. O. B.

ROBERT GROVES, 127 Commercial St. ADAMS, MASS.

Mention The Review when you write.

N. LECAKES & CO.

53 W. 28th St., NEW YORK



Tel. No. 1214 Madison Square

Stands at Cut Flower Exchange Coogan Bldg., W. 26th Street & 34th Street Cut Flower Market.



SPECIALTIES: Galax Leaves, Ferns and Leucothoe Sprays, Holly, Princess Pine, Moss, Southern Wild Smilax and all kinds of Evergreens.

Green and Bronze Galax Leaves.

75c. per 1000.

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FRANK H. TRAENDLY. CHARLES SCHENCK.

TRAENDLY & SCHENCK,

Wholesale Florists

AND CUT FLOWER EXCHANGE,
44 W. 28th St., NEW YORK.

Telephones 798 and 799 Madison Square. CONSIGNMENTS SOLICITED

Mention The Review when you write.

1871 **James Hart** 1904

● (The Original Pioneer House)

Commission Dealer in **CUT FLOWERS**

117 West 30th St., near Sixth Ave..

Telephone 626 Madison Square. **NEW YORK**

EVERYTHING IN CUT FLOWERS FROM THE BEST GROWERS.

Mention The Review when you write.

H. R. CRAWBUCK E. W. WILES

CRAWBUCK & WILES

Wholesale Dealers in

WILD SMILAX, GALAX, PALM LEAVES, LEUCOTHOE SPRAYS, FANCY AND DAGGER FERNS

Perfect shipping facilities for out-of-town orders.

370 PEARL ST., BROOKLYN, N.Y.

Mention The Review when you write.

Vaughan & Sperry
WHOLESALE FLORISTS
58-60 Wabash Ave., CHICAGO
Write for Special Prices

Wholesale Cut Flower Prices.

Chicago, Feb. 22.

	Per doz.
Beauties, Long stems	$6.00 to $ 8.00
" 30-inch "	4.00 to 5.00
" 24-inch "	3.00
" 20-inch "	2.50
" 15-inch "	2.00
" 12-inch "	1.50
Shorts	.75 to 1.00
	Per 100
Bridesmaids, Specials	$10.00 to $12.00
" Firsts	4.00 to 8.00
Brides, Specials	10.00 to 12.00
" Firsts	4.00 to 8.00
Liberty, Specials	12.00 to 15.00
" Firsts	4.00 to 10.00
Golden Gate, Firsts	10.00 to 12.00
" Seconds	4.00 to 8.00
Meteor, Firsts	10.00 to 12.00
" Seconds	4.00 to 8.00
Ivory, Firsts	10.00 to 12.00
" Seconds	4.00 to 8.00
Perles, Firsts	8.00 to 10.00
" Seconds	4.00 to 6.00
Chatenay	4.00 to 12.00
Cattleyas	40.00 to 60.00
Cypripediums	12.50 to 18 00
Carnations, Select	1.50 to 2.00
" Fancy	3.00 to 4.00
Violets	.50 to 1.00
Callas	12.50 to 15.00
Harrisii	15.00 to 18.00
Daffodils	3.00 to 4.00
Tulips	3.00 to 5.00
Asparagus, Strings	35.00 to 50.00
" Sprays, per bunch,	.25 to .35
Sprengeri, "	.25 to .35
Ferns, per 1,000, $2.50	.30
Adiantum Cuneatum	.75 to 1.00
Smilax, per doz.	1.50 to 2.00

I LIKE the REVIEW and would not be without it. The only reason I did not advertise in it this season was that local trade took all the stock; did not have enough and had to buy through the advertisements in the REVIEW; that's where to look for what you want.—J. A. KENNISTON, Newburyport, Mass.

Bassett & Washburn
76 Wabash Ave., CHICAGO, ILL.
WHOLESALE GROWERS OF AND DEALERS IN CUT FLOWERS
Greenhouses at Hinsdale, Ill.

A. L. RANDALL CO.
Wholesale Florist
19 and 21 RANDOLPH ST., CHICAGO.
Write for special quotations on large orders.

SINNER BROS.
Wholesale Growers and Shippers of CUT FLOWERS
58-60 WABASH AVE., CHICAGO, ILL.
With the Flower Growers' Co.
Telephone—Central 3067.
All telephone and telegraph orders given prompt attention.
Mention The Review when you write.

E. H. HUNT
THE "OLD RELIABLE" FOR
Wholesale Cut Flowers
Hunt's Flowers Go Everywhere.
76 Wabash Ave. CHICAGO.

FLOWER GROWERS' MARKET, 58-60 Wabash Ave. Chicago
The Place to Sell Your Stock.
SEE PERCY JONES, Manager.

PERCY JONES
Wholesale Cut Flowers
Flower Growers' Market,
60 Wabash Ave., CHICAGO.
STANDING ORDERS SOLICITED.

A Daily Cut from 40 to 50 Growers
We can and will fill your Cut Flower wants to advantage.
BEAUTIES, MAIDS, BRIDES, etc.
CARNATIONS, VIOLETS,
BULBOUS STOCK, etc.
ALL GRADES.
Shipping orders our specialty. Write, telephone or telegraph.
Long Distance Phone 1129 Main.
Headquarters for HARDY FERNS and WILD SMILAX.
Get our special discounts on "Perfect Shape" Brand WIRE WORK.
It will be worth your while.
—— CATALOGUE FREE ——
E. F. WINTERSON CO.
Established 1894.
45-47-49 Wabash Ave., CHICAGO.
Mention The Review when you write.

J. A. BUDLONG
37-39 Randolph Street, CHICAGO.
Roses and Carnations A Specialty.....
WHOLESALE GROWER of CUT FLOWERS

WIETOR BROS.
Wholesale Growers of Cut Flowers
All telegraph and telephone orders given prompt attention.
51 Wabash Ave., CHICAGO.
Mention The Review when you write.

GEORGE REINBERG,
51 Wabash Ave., Chicago,
WHOLESALE DEALER IN AND .....GROWER OF CUT FLOWERS
Two daily shipments from my greenhouses.
Fresh Stock always ready for orders.
Write, wire or phone. Quick Service Given.
Mention The Review when you write.

WEILAND & RISCH
WHOLESALE GROWERS AND SHIPPERS OF
59 WABASH AVE. CUT FLOWERS CHICAGO

D. Wood Brant
Successor to Brant & Noe Floral Company,
56-60 Wabash Ave., Chicago.
FINE CARNATIONS
In quantity, prices reasonable. Wire, can always fill order.
Wholesale Grower of Cut Flowers. Regular standing orders solicited. Every facility for prompt shipment.

Poehlmann Bros. Co.
Wholesale Growers of and Dealers in Cut Flowers.
All telegragh and telephone orders given prompt attention. Greenhouses: Morton Grove, Ill.
35-37 Randolph Street, CHICAGO, ILL.

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THE BENTHEY-COATSWORTH CO.
35 RANDOLPH ST. WHOLESALE FLORISTS CHICAGO.

OUR TEMPTING OFFER

FOR ONE WEEK ONLY WE OFFER CHOICE **GARDENIAS, $10 per 100**

The Philadelphia Wholesale Flower Market,

1235-37 Filbert St., Philadelphia.

Mention The Review when you write.

Wholesale Cut Flower Prices.

Pittsburg, Feb. 22.

	Per 100
Beauties, Extra	18.00 to 25.00
" No. 1	8.00 to 12.00
" Shorts	3.00 to 5.00
Brides and Maids	3.00 to 15.00
Cusin	4.00 to 8.00
Liberty	8.00 to 15.00
Perle	3.00 to 8.00
Carnations	1.00 to 5.00
Adiantum Cuneatum	1.00 to 1.50
Asparagus Plumosus, Strings	25.00 to 50.00
" Sprengeri, Sprays	2.00
Lily of the Valley	3.00 to 4.00
Violets, Single	.20 to .40
" Double	.75 to 1.00
Trumpet Narcissi	4.00 to 6.00
Smilax	12.50 to 15.00
Lilies	12.00 to 18.00
Paper Whites and Romans	3.00
Tulips	3.00 to 5.00
Freesias	2.00 to 4.00
Sweet Peas	.50 to 1.50
Lilac per bunch	.75 to 1.00
Daffodils	3.00 to 4.00
Daisies	1.00 to 3.00
Mignonette	1.00 to 4.00
Pansies	1.00 to 2.00

Buffalo, Feb. 22.

	Per 100
Beauties, Specials	$50.00 to $60.00
" Extra	25.00 to 40.00
" Shorts	6.00 to 15.00
Brides and Maids, Extra	10.00 to 12.00
" " No. 1	6.00 to 8.00
" " No. 2	2.00 to 5.00
Golden Gate	2.00 to 8.00
Kaiserin	3.00 to 10.00
Liberty	4.00 to 15.00
Meteor	3.00 to 8.00
Mrs. Morgan	2.00 to 4.00
Perle	3.00 to 8.00
Sunrise	2.00 to 6.00
Carnations	2.00 to 5.00
Adiantum Cuneatum	.50 to 1.00
" Croweanum	1.50
" Farleyense	10.00 to 12.00
Asparagus Plumosus, Strings	40.00 to 60.00
" " Sprays	1.00 to 2.00
" Sprengeri "	1.00 to 3.00
Lilium Harrisii	15.00
Lily of the Valley	3.00 to 5.00
Smilax	15.00
Galax	.10 to .15
Common Ferns	.20 to .25
Violets	.50 to 1.00

Milwaukee, Feb. 22.

	Per 100
Beauties, Specials	$50.00
" Extra	$15.00 to 25.00
" No. 1	12.50
" Shorts	4.00 to 6.00
Bride and Bridesmaid, Specials	8.00
" " Extra	6.00
" " No. 2	4.00
Golden Gate	4.00 to 8.00
Liberty	4.00 to 8.00
Perle	4.00 to 8.00
Carnations, Good	1.50 to 2.00
" Fancies	3.00 to 4.00
Asparagus Plumosus, strings	50.00
" " sprays	2.00 to 3.00
" Sprengeri, "	2.00 to 3.00
Callas	10.00
Longiflorums	10.00
Lily of the Valley	2.00
Smilax	18.00
Sweet Peas	.75
Violets	.60
Tulips	2.00 to 3.00
Romans	3.00
Daffodils	3.00
Freesia	2.00

C. E. CRITCHELL,
Wholesale Commission Florist.
All varieties of Cut Flowers in season at right prices and of the best quality.
CONSIGNMENTS SOLICITED.
Galax, Ferns and Leucothoe Sprays
Are my specialties.
36 East 3rd St. CINCINNATI, O.
Mention The Review when you write.

WM. MURPHY
Wholesale Commission Dealer in **Cut Flowers**
Consignments Solicited.
128 E. Third St., CINCINNATI, OHIO.
Long Distance Phones { M-980. West 1191-R.

LOUIS H. KYRK
Wholesale Commission Florist,
Phones, Main 3062, Main 2486-L.
110 E. 3rd St., CINCINNATI, O.
Receiver and Shipper of Cut Flowers.
CONSIGNMENTS SOLICITED.
Mention The Review when you write.

The J. M. McCullough's Sons Co.
Seedsmen and Wholesale Florists.
Consignments solicited. Special attention given to shipping orders.
316 Walnut Street, CINCINNATI, OHIO.
Mention The Review when you write.

H. G. Berning
WHOLESALE FLORIST,
1402 Pine Street,
ST. LOUIS, MO.
Mention The Review when you write.

C. A. KUEHN WHOLESALE FLORIST
Cut Flowers and Florists' Supplies.
Manufacturers of the Patent Wire Clamp Floral Designs. A full line of supplies always on hand. Write for catalogue and prices.
1122 PINE STREET, ST. LOUIS, MO.
Mention The Review when you write.

Wholesale Cut Flowers
Florists' Supplies
C. C. Pollworth Co.
MILWAUKEE, WIS.
Mention The Review when you write.

Wholesale Cut Flower Prices.

St. Louis, Feb. 22.

	Per doz.
Beauties, Specials	$3.00 to $4.00
" Extra	2.00 to 2.50
" No. 1	1.00 to 1.50
" Shorts	.60 to 75
	Per 100
Brides and Maids, Specials	$5.00 to $8.00
" " Extra	3.00 to 4.00
" " No. 1	1.00 to 2.00
Carnot	5.00 to 8.00
Golden Gate	4.00 to 6.00
Kaiserin	5.00 to 6.00
Liberty	4.00 to 6.00
Meteor	4.00 to 6.00
Carnations, Common	1.00 to 1.50
" Select	2.00 to 3.00
" Fancies	4.00 to 5.00
Adiantum	1.00 to 1.25
Asparagus Plumosus, Strings	25.00 to 35.00
" " Sprays	1.00 to 1.50
" Sprengeri "	1.00 to 1.50
Lily of the Valley	2.00 to 3.00
Smilax	12.50 to 15.00
Violets, single	.25 to .40
" double	.50 to 1.00
Paper Whites	2.00 to 3.00
Romans	1.50 to 2.00
Callas	10.00 to 12.50
Harrisii	10.00 to 12.50
Freesias	1.00 to 2.00
Tulips	3.00 to 4.00
Dutch Hyacinths	4.00 to 5.00
Sweet Peas	.60 to .75
Von Sion Narcissi	4.00 to 5.00

Cleveland, Feb. 22.

	Per Doz.
Beauties, Specials	$6.00
" Extra	4.00
" No. 1	3.00
" Shorts	$1.00 to 2.50
	Per 100
Bride and Bridesmaid	$4.00 to $10.00
Meteors	4.00 to 10.00
Carnations	1.50 to 5.00
Adiantum Cuneatum	1.00
Asparagus Plumosus, Strings	25.00 to 50.00
" " Sprays	1.00 to 3.00
" Sprengeri "	2.00 to 4.00
Violets	.50 to 1.00
Smilax	12.50 to 15.00
Paper Whites	3.00 to 4.00
Valley	3.00 to 4.00
Tulips, white	3.00 to 4.00
Sweet Peas	1.00 to 1.50

PITTSBURG FLORISTS' EXCHANGE
Wholesale Florists and Florists' Supplies.
228 Diamond St., PITTSBURG, PA.
Shipping Given Special Attention.
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PETER WEILAND,
Wholesale Grower of
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Cincinnati headquarters for American Beauties and all leading varieties of Roses and Carnations.
128 East 3rd St., CINCINNATI, OHIO.
All stock sold at the PREVAILING MARKET PRICE.
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FRANK M. ELLIS
Wholesale Florist
Finest Stock of Everything in the market.
Extra fine California Violets
Novelties and Supplies of all Kinds.
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OCEANIC, N. J.

The Monmouth County Horticultural Society had a very lively meeting on February 17. The ball committee reported over $50 surplus. The president, George H. Hale, had some very fine violets on exhibition. Several members of the society offered prizes for an essay on "Rose Culture under Glass." The assistant gardeners only can compete for these prizes. The papers must be sent in before March 3, to the secretary, H. A. Kettel, Fair Haven, N. J. Several other subjects will be taken up at subsequent meetings, and prizes given for same. The judges on these papers are: H. A. Kettel, N. Butterbach, Wm. Turner, Geo. H. Hale and W. W. Kennedy. Different committees appointed by the president are: Investigating committee, Wm. Turner, N. Butterbach, H. A. Kettel; executive committee, C. H. Walling, T. S. Barkuloo, H. Longstreet, John Yeomans and P. Hicks; exhibition committee, H. McCarron, W. W. Kennedy, H. A. Kettel and Wm. Turner. B.

PAINESVILLE, OHIO.

Two opposing teams from the Storrs & Harrison greenhouses closed a series of four bowling matches this week. Bowling is a new sport to all of the players and the teams were quite evenly matched. The wholesalers won the last match by a margin of 11 pins. The last score follows:

Wholesalers.	1st	2d	3d
Wheeldon	116	104	122
Bartlett	140	139	139
Hallman	163	137	118
Welch	134	209	143
Pool	174	121	116
Totals	727	710	638
Retailers.	**1st**	**2d**	**3d**
Advey	132	113	130
Lynch	170	180	146
Delano	105	116	104
Emslie	109	129	164
Murphy	187	122	157
Totals	703	660	701

Oak Park, Ill.—W. C. Van Bergen is contemplating the erection of a range of greenhouses on a tract of land he owns near Louisville, Ky., to produce cut flowers for the wholesale trade.

200,000 PANSIES — Fine large transplanted plants, Prize Strain, of the famous large-flowering Bugnots Cassiers, Odier and Trimardeau, stocky plants from cold frame, 50c per 100; $3.00 per 1000. Mammoth Verbenas, R. C., 60c per 100; $5.00 per 1000. Dwarf Blue Lobelia, R. C., $1.00 per 100; $8.00 per 1000. Ageratum Dwarf Blue, 60c per 100. Asparagus Plumosus, from flats, ready for 3-inch, $2.00 per 100; 3-inch, $3.00 per 100. Stocks, double white for Easter, $1.00 per 100; $8.00 per 1000. Salvias, Red Splendens, $1.00 per 100. Feverfew, double white, $1.00 per 100; $8.00 per 1000. Daisies, double white, 75c per 100; $5.00 per 1000. Plants by the 100 free by mail.

SAMUEL WHITTON, 15-17 Gray Ave., **UTICA, N.Y.**

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Geo. Wittbold Co.

1657 Buckingham Place, CHICAGO, ILL.

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Decorative Plants.

Rutherford, N. J.

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WE MAKE FOR FLORISTS' USES RIBBONS

of deep rich shades, colors that savor of nature's own efforts. Beautiful attractive ribbons that will work effectively with flowers.

Direct from our Looms to You

TAFFETA ✦ SATIN TAFFETA ✦ GAUZE

Glad to send samples; want them?

The Pine Tree Silk Mills Company

Philadelphia

OFFICE AND SALESROOMS:

806-808-810 Arch Street, 52 and 54 N. Eighth Street.

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FORCING STOCK FOR EASTER

AZALEA MOLLIS—Full of buds, nice even heads, force easily, 12 to 15 inches high, $90.00 per hundred; 15 to 18 inches high, $40.00 per hundred.

DEUTZIA GRACILIS—Grown especially for pot culture; very bushy; 12 to 15 inches high, for 6-inch pots, $6.00 per hundred; 15 to 18 inches high, for 7 or 8-inch pots, $8.00 per hundred.

DEUTZIA LEMOINEI—Similar to Gracilis, but stronger grower; 15 to 18 inches high, for 6-inch pots, $8.00 per hundred; 18 to 24 inches high, for 7 or 8-inch pots, $10.00 per hundred.

RHODODENDRONS—Best named Hybrids, bushy and full of buds; 20 inches high, $9.00 per dozen; 24 inches high, $12.00 per dozen; 30 to 32 inches high (heavy), $24.00 per dozen.

SPIRAEA JAPONICA—$3.00 per hundred.

SPIRAEA NANA COMPACTA—$4.00 per hundred.

THE STORRS & HARRISON CO., - PAINESVILLE, OHIO

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DISCOUNT ON BOSTON and PIERSON FERNS

SPECIAL.

J. B. Braidwood, Successor to William Clark.

COLORADO SPRINGS, COLO.

Send for Price List.

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Boston Ferns

Extra fine stock, cut from bench, for 5, 6, 7, and 8-inch pots, at 25c, 50c, 75c, $1.00 each.

KENTIAS, RUBBERS, ASPARAGUS PLUMOSUS NANUS

Cash or reference please.

L. H. Foster, 45 King St. **Dorchester, Mass.**

Mention The Review when you write.

NEPHROLEPIS SCOTTII

The most graceful and symmetrical Nephrolepis known. It makes three times as many fronds as the Boston fern in a given time. Prices—6-in. pot-grown, ready for 8-in., $15.00 per doz.; 7-in. pot-grown, $24.00 per doz.; 8-in. pot-grown, $36.00 per doz.

JOHN SCOTT, Keap Street Greenhouses, **BROOKLYN, N. Y.**

Mention The Review when you write.

BOSTON FERNS!

2½-in., $4.00; 8-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 per 100.

DAVIS BROS.,

Morrison, Ill., and Geneva, Ill.

Mention The Review when you write.

ROOTED COLEUS CUTTINGS

Verschaffeltii, Golden Queen, Lord Palmerston, Fire Brand, Beckwith's Gem, Queen Victoria and Fancies, 60c per 100; $5.00 per 1000.

Golden Bedder, (original), **and Hero, 75c per 100; $6.00 per 1000.**

A discount of 10 per cent allowed on 10,000 or more Coleus. More liberal discounts on larger orders.

AGERATUM—Princess Pauline and Stella Gurney.

SALVIA—Splendens and Jean Revenal. Rooted cuttings 75c per 100; $6.00 per 1000.

VINCAS—Variegata, 3-inch pots, $5.00 per 100.

FRANK A. PIERSON, Cromwell, Conn.

Mention The Review when you write.

10,000 Latania Borbonica PALMS

We have a fine stock of this variety, strong plants in 2½ and 3-inch pots, some of which are showing character leaves, ready for immediate shift. While they last, **$5.00 per 100; $45.00 per 1000.**

The DINGEE & CONARD CO.

WEST GROVE, PA.

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NICE CLEAN STOCK!

Rooted Carnation Cuttings Cheap.

Enchantress, Nelson Fisher, M. A. Patten, Gov. Wolcott, Boston Market, White Cloud and Mme. F. Joost. Also unrooted of last two varieties. PRICES ON APPLICATION.

C. G. VELIE & SON,

Valley View Greenhouses. **Marlborough, N.Y.**

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LEADING RETAIL FLORISTS.

The following retail florists are prepared to fill orders from other florists for local delivery on the usual basis. If you wish to be represented under this heading now is the time to place your order.

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☞Orders for Baskets, Boxes, Designs, Steamers, Receptions, and from out-of-town Florists will receive personal and careful attention. We guarantee perfect satisfaction.

A. GUDE & BRO.

1224 F Street, Northwest,
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EUCLID AVENUE, CLEVELAND, OHIO.

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RETAIL ORDERS

FILLED BY THE
GEO. WITTBOLD CO.
1657-59 Buckingham Place. CHICAGO.

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Orders for MINNESOTA or the Northwest will be properly executed by
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ST. PAUL, MINN.

L. I. NEFF, Florist, 218 6th St. PITTSBURG, PA.
Personal attention given to out-of-town orders for delivery in Pittsburg and vicinity.

Mrs. Chas. Eickholt,

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4326-28 Olive Street, St. Louis, Mo.
Established 1873.
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All Orders Given Prompt and Careful Attention.

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A. L. FORTUNES
Wholesale and Retail Dealer in
Dagger Ferns
AND
Galax Leaves

Bronze or Green Galax, 75c per 1000; $6.50 per case.
Dagger Ferns, $1.00 per 1000, full count.
Selected No. 1.
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Out-of-town orders for delivery in New York carefully and promptly filled at reasonable rates.

ATLANTIC CITY, N. J.

ALWAYS a fine stock of Cut Flowers, Ferns, Palms and Blooming Plants. Prompt and careful attention to all orders.
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L. D. Bell Phone 144X. 104 So. Carolina Ave.

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will take proper care of your orders in
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The Park Floral Co.

J. A. VALENTINE, Pres. DENVER, Colo.

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Orders Executed Artistically.
Blackistone,
Long Distance Phone 2180. COR. 14th and H STS.

CARNATIONS

We offer first-class stock of the finest varieties.

Strong Rooted Cuttings

Variegated Lawson This variety which we are introducing this season we are sure will prove to be the very best variegated sort. Pure ivory white with delicate carmine pencilings. Mr. W. N. Craig, an authority on everything pertaining to horticulture, says that he knows that this variety will out-bloom the favorite, Mrs. M. A. Patten, three to one. It has the Lawson habit and stem, and is bound to give satisfaction. $12 per 100; $100 per 1000.

Red Lawson A bright red sport of Lawson that is bound to be popular, and will be grown where Lawson is popular. $10 00 per 100; $75 per 1000.

Cardinal Bright cardinal, or crimson-scarlet. Won first prize for best 100 scarlet, first prize for best 50 carnations any color, first prize for best 50 scarlet seedlings, Chicago. $12.00 per 100; $100 per 1000.

Fiancee The queen of pink carnations; in a class by itself. Magnificent flowers, strictly fancy in every respect. $12.00 per 100; $100.00 per 1000.

White Lawson We consider this variety, which we introduced last season, the most profitable white carnation ever sent out. We think it will outbloom any other white two to one. It has given great satisfaction. When the flowers are left on the plants until fully developed they are much larger than Mrs. Thos. W. Lawson. We believe this will occupy among white carnations the same place that Mrs. Thos. W. Lawson does among pink carnations. Remember that we are headquarters for it. Splendid stock ready for immediate delivery. $7.00 per 100; $60.00 per 1000.

Fred Burki Recommended as an extra free-blooming white variety and a claimant for popular favor. $12.00 per 100; $100.00 per 1000.

Lady Bountiful A magnificent white of last season's introduction. $6.00 per 100; $50.00 per 1000.

Daheim Dark crimson. Grand stiff stem. Calyx never bursts. Free and abundant bloomer, developing very quickly. We consider this the best all-round crimson carnation. $6.00 per 100; $50.00 per 1000.

Mrs. M. A. Patten This grand variegated carnation has given splendid satisfaction. $6.00 per 100; $50.00 per 1000.

Enchantress Freest blooming, bringing highest market prices. In great demand. $4.00 per 100; $30.00 per 1000.

Mrs. Thos. W. Lawson $3.00 per 100; $20.00 per 1000.

Prosperity A magnificent fancy carnation. $3.00 per 100; $20.00 per 1000.

We are now prepared to book orders for 1906 for **the Coming Scarlet Carnation Victory** This is a real bread and butter variety. An early, free and abundant bloomer, with good stem; a magnificent keeper and shipper; flowers of the largest size, commanding the very highest price. This is going to be a money-maker. Orders will be filled in rotation, as received. Delivery beginning December next. $12.00 per 100; $100.00 per 1000.

F. R. PIERSON CO., Tarrytown-on-Hudson, N. Y.

Mention The Review when you write.

KANSAS CITY.

The Market.

After six weeks of intense cold and snow this city is beginning to emerge into something like decent weather, but in spite of the inclemency of the weather, business has surpassed every other week with the exception of Christmas. St. Valentine's day at some of the stores was in excess, even, of Christmas. The supply of good stock is very short; in fact, of any stock, with the exception of bulbous stock, which has been increasing in quantity and quality. Roses have been very scarce, it being impossible at times to get even culls. Carnations have also been very short, the cold, cloudy weather with the glass covered with snow, over three weeks in some places, retarding the growth, making it almost impossible to fill local orders. Violets have been plentiful except upon St. Valentine's day, when the large supply was soon exhausted at an advance to three times the regular price.

Some large wedding decorations, with quite a number of small receptions, are keeping the stores pretty well cleaned up. Some fine tulips, daffodils, jonquils and Dutch hyacinths are to be seen, while Romans and narcissi are almost a glut, there being no call for them except for funeral work. Prices are steady for what good stock can be obtained and the indications point to very good business the coming week.

Various Notes.

Two of the largest weddings since the opening of the social season here were held the past week. One, the wedding of Miss Lewis, included the decorating of Grace church and the banquet hall of the Coates House and was beautifully arranged by Samuel Murray.

W. L. Rock had charge of the Currier-Dunlap wedding and it surpassed any previous event of that kind seen here for some time.

A visit to the greenhouses of Samuel Murray, which are in charge of that prince of good fellows, Wm. Sharp, is a pleasure long to be remembered. There are about 15,000 feet of glass. Longiflorum and Harrisii are the finest I have seen this year. One house is devoted entirely to hydrangeas. There are two houses full of Boston ferns, Piersoni and Adiantum Croweanum, while the rest of the houses are filling up rapidly with some fine bedding stock.

R. S. Brown & Son are sending in some fine carnations.

Chas. M. Wise is stocking up preparatory to the spring trade and reports business as improving at his place.

Ed. Ellsworth reports excellent business in the wholesale line and the entire force is kept busy getting out orders.

J. F. Noll, with Arthur Newell, visited Joplin the past week, inspecting a new arrival at his home there. It is a fourteen-pound boy. NARCISSUS.

MADISON, N. J.

The Morris County Gardeners' and Florists' Society held its regular meeting on February 8. The event of the evening was the reading of an essay on "The New Varieties of Chrysanthemums for 1905" by C. H. Totty. The paper was well received and a hearty vote of thanks accorded to Mr. Totty for his effort. It was supplemented by A. Herrington with a comparison of the European varieties and Australian as grown in America. Methods of seed sowing in Australia and New Zealand were explained and a fact stated new to many of us, that the flower buds in these places were taken in February instead of our usual time on account of the difference in geographical location.

Our next meeting promises to develop much excitement. F. W. Holt, of New York, has donated to the society, a pair of gum boots to be bowled for. After a short business session we are to adjourn to the alley and prove what we are made of. A committee composed of Messrs. Herrington, Totty and Duckham are to arrange the handicaps so that every member will have a show to win, and as most of us need the boots just now the rivalry will be keen. E. R.

SALES from the advertisement in the REVIEW have been very satisfactory.—W. H. Newman, Akron, N. Y.

PACIFIC COAST.

LOOMIS, CAL.—On February 11 Mitting & McGowan, the proprietors, sold the California Carnation Co. to Johnson & Taylor, of Sacramento, who will continue the business.

THE carnation fields of the Ocean Park Floral Co., Ocean Park, Cal., are located on the site of an old Indian village. During a recent visit Wm. A. Peterson, the Chicago nurseryman, who is a collector of Indian relics, picked up in the carnation fields 265 pounds of stone arrow heads, etc., which he sent home. Mr. Vawter, the proprietor, makes all visiting trade people welcome.

BUDDED ROSES.

Owing to the perfection with which roses are now being grown on various kinds of wild stock in California there is less stock grown from hard wood on its own roots each succeeding year. The public is gradually being educated up to the fact that it is possible to get big, strong plants one year from bud that are large enough to set out with immediate effect and they will accept nothing else. There was a time but a few years ago when each rose grower had a patch of roses grown on their own roots, and a sorry looking sight they were when compared with what is being offered today in the same varieties. I handled some stock this week, all of which was less than one year from bud. Paul Neyron, Niphetos, Perle des Jardins, Bride, Mme. Caroline Testout, Souvenir du President Carnot and Mrs. John Laing, none less than three feet high and heavy in proportion. This is the outcome of what we have learned in the scientific growing of budded stock. Certainly these plants were grown under favorable conditions and represent first quality. There were not less than fifty others of the most popular kinds that ranged in size from two feet and over and all from less than one year's growth of bud. The wild stock had been planted the year before, so that the

A Grand New Rose, Climbing

CAROLINE TESTOUT

Field-grown, strong, 3 to 4 feet high, 30c each; $3.00 per 12; $25.00 per 100. Also Climbing

Cecil Brunner

Field-grown, strong, 3 to 4 feet high, 15c each; $1.50 per 12; $12.00 per 100.

Araucaria Excelsa

From 2¼-inch pots, extra strong plants, with 2 and 3 tiers, 6 to 8 inches high, at $15 per 100.

F. LUDEMANN,

3041 Baker St., San Francisco, Cal.

Dahlias Field Roots, Clifford W. Burton yellow, Storm King, pure white, A. D. Livoni, pink — $5.00 per 100

Maid of Kent, red tipped, white, mixed — $4.00 per 100

The Brighton Seed & Floral Co.

215 Occidental Ave., SEATTLE, WASHINGTON.

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ASP. PLUMOSUS NANUS SEED

In quantities to suit. $2.25 per 1000.
Immediate delivery.

REES & COMPERE

P. O. Address:
LONG BEACH, CAL., R. D. No. 1.

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stock and bud together were really two years old. Even with the extra trouble of budding the stock, however, they were far ahead of anything grown on their own roots for the same length of time. Not only for garden planting, but also for greenhouse forcing, are these roses in great demand, for the rule holds good for inside as well as outside, that to have big flowers and long stems you must have plants in proportion.

It was urged for many years, and justly so, that roses budded on wild stock were not desirable because of their suckering proclivities, but we have learned that wild stock can be disbudded,—that is, all the eyes taken out before it is planted except, of course, a couple on top, under which the variety wanted is inserted. This removed the greatest objection to budded stock and when, by further experimenting, we discovered what particular sorts grew especially well on certain wild stocks the plants then filled all requirements.

With some roses, however, it is profitable to grow them on their own roots, because they are easy to root, but with the majority of the tea roses it is not possible to root more than thirty per cent of the cuttings planted and of these usually one-half are too small the first season to sell for first-class stock. Many of our best varieties make poor, weak roots and there is nothing that will make as poor an impression on a buyer as to see big tops and poor roots.

With budded stock there is no difficulty in averaging seventy-five per cent salable stock from the cuttings planted of wild stock, afterwards budded, and good roots can be always guaranteed. Some of the climbing roses make very fair plants on their own roots the first season but there are many of our best sorts that cannot be rooted at all. We grow Marechal Niel, Cloth of Gold and Climbing Niphetos six to eight feet in one season when budded on hardy wild stock and on their own roots I have never been able to root over twenty-five per cent of the cuttings planted outside.

G.

Rooted Carnation Cuttings

..NOW READY..

These low prices good only up to December 25.

WHITE:	Per 100	Per 1000
Queen Louise	$1.00	$10.00
Flora Hill	1.00	10.00
Alba	1.40	12.50
Gov. Wolcott	1.00	10.00
Norway	1.00	10.00
Lillian Pond	1.40	12.50
Chicot	1.20	10.00
PINK:		
Mrs. Thos. Lawson	1.40	12.50
Enchantress	3.50	30.00
Mrs. Joost	1.00	10.00
Success	1.00	10.00
Mermaid	1.00	10.00
Cressbrook	1.00	10.00
Pres. McKinley	1.40	12.50
Mrs. Theo. Roosevelt	1.40	12.50
SCARLET:		
G. H. Crane	$1.00	$10.00
America	1.00	10.00

SCARLET:	Per 100	Per 1000
P. Palmer	$1.00	$10.00
Estelle	1.40	12.50
J. H. Manley	1.50	15.00
Apollo	1.50	15.00
CRIMSON:		
Harlowarden	1.40	12.50
Gov. Roosevelt	1.20	10.00
YELLOW:		
Golden Beauty	1.40	12.50
Eldorado	1.00	10.00
VARIEGATED:		
Prosperity	1.40	12.50
Marshall Field	1.40	12.50
Stella	1.40	12.50
Armazindy	1.00	10.00
Viola Allen	1.20	11.00
Gaiety	1.20	11.00

Special prices on large lots. Unrooted pips at half price of above. 25 at 100 rate. 250 at 1000 rate. Express prepaid at above prices. Cash or C. O. D. with privilege of examining.

Loomis Floral Company, LOOMIS, CAL.

Mention The Review when you write.

Carnation Cuttings

NOW READY.

	Per 100	Per 1000
Queen Louise, white	$1.00	$8.00
Flora Hill, white	1.00	8.00
Gov. Wolcott, white	1.00	8.00
White Cloud, white	1.00	8.00
Lawson, pink	$1.00	$10.00
Mrs. Joost, pink	1.00	8.00
America, scarlet	1.00	8.00
Prosperity, variegated	1.00	10.00

Unrooted Cuttings at one-half price of Rooted Cuttings.

Express prepaid at above prices. Cash or C. O. D. with privilege of examining at express office.

100,000 PANSY PLANTS AT $5.00 PER 1000.

LOOMIS CARNATION CO. Lock Box 115, Loomis, Cal.

Mention The Review when you write.

SAN FRANCISCO.

The Market.

We are having considerable rainy weather, which was preceded by several severe frosts. We had, in fact, the coldest weather of the season during the latter part of last week. Heliotropes, geraniums, callas, etc., had been blooming constantly outdoors all winter but all oudoor flowers except violets and bulbous stock are now out of business. This makes cheap flowers very scarce, especially in the line of white stock, and it will be several months before we shall have much to choose from. Roses and carnations are only in fair supply at present and the prices hold firm. A few late blooming narcissi are still in market and daffodils are plentiful. The supply of violets shortened somewhat early in the week but they are now very plentiful again. Freesia and valley are in good supply. Yellow acacia is being used in large quantities for decorating, as it is the only cheap flower to be had at this time. Smilax and maidenhair are both very scarce. A few good longiflorums are seen. They cost the retailers from $1.50 to $2 per dozen.

Various Notes.

The engagement of Fred Seulberger, of Oakland, to Miss MacDonald, also of that city, is announced. The wedding will take place in the early summer.

Leopold & Ephraim have had a very busy season. Several big decorations have added considerable to their month's receipts.

A. Mann, Jr., is devoting considerable of his time to the florists' supply portion of his business. He carries a large stock.

P. J. Meyer, of Burlingame, is cutting some extra good Prosperity and Enchantress carnations at present.

G.

AURORA, ILL.—The Aurora Greenhouse Co. has been awarded the contract for ornamental planting at the street railway's new pleasure park at Plainfield. Large quantities of bedding plants will be required.

Vegetable Forcing.

VEGETABLE MARKETS.

CHICAGO, Feb. 22.—Cucumbers, 35c to $1.40 doz.; leaf lettuce, 18c to 20c case; head lettuce, $2 to $5 bbl.

BOSTON, Feb. 21.—Cucumbers, $4 to $14 box; radishes, 25c bundle; tomatoes, 50c lb.; mint, 75c doz. bunches; hothouse spinach, $1 to $1.50 bushel; hothouse dandelions, $2 bushel; parsley, $1 bushel; mushrooms, 40c to 60c lb.; rhubarb, 4c to 5c lb.

VEGETABLE PLANTS.

For the proper care of vegetable plants two houses are necessary, as there is so much difference in the temperature required by the different subjects that they cannot possibly be all done satisfactorily in one house. They can be divided into two sections. The first should comprise such subjects as egg plant, tomatoes and peppers. These would require a minimum temperature of not less than 60 degrees. The second section, which would comprise lettuce, cabbage and cauliflower, would do better at a minimum temperature of 45 degrees. The raising of vegetable plants is often taken up as a side issue and too often they are crowded up into any odd corner, which crowding results in weakly, drawn-up plants that are no credit to the grower and prove very unsatisfactory to the purchaser. If a business is to be established in this line any odd corner is not good enough to produce first-class stock; such stock can only be grown where ample space is allowed, where sufficient light and air are given and where judicious care is taken of the plants.

Another important point is the gradual hardening off of the plants before time for setting out. For this purpose cold frames are a great convenience, but where these are not available they can be handled by leaving all possible air on, both night and day, for about eight days previous to setting outdoors in the pots or flats in which they are established. Some means should be provided for covering up should the nights be cold just after setting out, but for a few days, at least, before planting out they should be fully exposed to the weather both night and day. Where care is exercised in this respect the plants are not liable to feel the change and little or no check should result.

If the retail grower could dispose of the majority of his plants within a reasonable time after the planting season arrives, he would be relieved of a good deal of trouble. But, unfortunately, some customers are rather slow in getting down to business. And it is not only the extra trouble of taking care of the plants for these late comers that proves annoying to the grower, but the plants are apt to suffer, even with the best of care, if they have to be kept hanging on for any length of time. Any of the subjects are apt to become more or less stunted, but some suffer more than others. Cauliflower, for instance, if allowed to get stunted is almost sure to "button" after being planted out. A good deal of this trouble can sometimes be averted by the grower. If he has any means of reaching his customers he can often induce them to begin operations early and in this way get his plants out within a reasonable time, save himself a good deal of trouble and give his customer better satisfaction. W. S. CROYDON.

THE CARDINAL

THE BEST SCARLET CARNATION

Again Defeats all Comers at St. Louis Carnation Show.

Scores 97 points at Toronto last week—higher than all others.

The Cardinal is a profitable carnation to grow; produces more blooms to the square foot than any other.

If you get a good stock of this grand scarlet you will have done investing in new scarlets for years to come. DO IT NOW.

Rooted Cuttings—$12.00 per 100; $100.00 per 1000. 250 at 1000 rate. Special prices on larger quanties.

INTRODUCERS:

CHICAGO CARNATION CO., - - Joliet, Ill.
E. G. HILL CO., - - - Richmond, Ind.
S. S. SKIDELSKY, 824 N. 24th St., Philadelphia, Pa.

Mention The Review when you write.

BIG PUMPKINS.

One of the clothing merchants in my town has an annual pumpkin show in front of his store each fall in which he offers in goods some $75 in prizes for the biggest vegetable. No. 7 is as high up as I can get. Can you give me any suggestions as to how I can shove a pumpkin up from notch No. 7 to notch No. 1? It makes no difference whether the article is pumpkin or squash. Neither does color or shape count. Such being the case, what variety shall I plant and how shall I care for it? I have a sandy loam. Will bone flour or horn shavings or blood be of any help? I shall give the plant plenty of barn-yard manure. One market gardener told me the nicest tomato plants he ever grew were in soil scraped up from under the floor of a country slaughter house where blood had leached through. B.

The largest varieties of pumpkins I know are Jumbo and Mammoth King. Pumpkins are about the heaviest feeders in the vegetable kingdom. I have seen them grow on top of a manure pile without their showing signs of having too rich food. Of course the manure was pretty well rotted. They are what might be called a soft feeder and, although bone flour, etc., might help them a little, I would prefer the softer food in the shape of barn-yard manure or liquid fertilizer. Prepare your ground by giving plenty of barn-yard manure, say a couple of good barrow loads to each plant, but fix your soil so that the seeds will not come in contact with the manure, or it would cause them to rot. Leave only one plant in each hill and leave but one pumpkin on each plant. When once your pumpkin gets to swelling well check the growth a little by pinching out the points of the shoots, and about twice a week give the hills a good soaking of liquid manure. Wash from the barn-yard is as good as anything but if this is strong it should be diluted with water. It is better to give the liquid weak and often rather have it too strong.

W. S. CROYDON.

CARNATIONS

GENEVIEVE LORD — LAWSON,
FAIR MAID — MRS. PATTEN
ENCHANTRESS — GEN. GOMEZ
APOLLO — MORNING GLORY
WHITE CLOUD — WOLCOTT
PROSPERITY.

ROSES

GEN. MacARTHUR — PERLE
IVORY — BRIDE
MAID — GOLDEN GATE
UNCLE JOHN — CHATENAY
AM. BEAUTY — KAISERIN
LA DETROIT.

We offer rooted cuttings of the above at lowest market rates. All first-class stock, cuttings are carefully selected. We wish to call special attention to the Gen. MacArthur, which we believe to be the coming red rose. Prices on application.

Poinsettias, one year old, $5.00 per 100.

THE GASSER CO. Euclid Ave. Cleveland, O.

Mention The Review when you write.

NEW LONDON, WIS.—E. H. Olson will build two houses 20x100 this spring and put in a new boiler.

VERGENNES, VT.—At the meeting of the State Horticultural Society here February 9 and 10 Prof. W. Stuart, of the University of Vermont, Burlington, exhibited several vases of very fine carnations, including two vases of promising seedlings of his own production.

ANNOUNCEMENT TO THE TRADE

We beg to announce that we have purchased the thoroughly modern and up-to-date establishment of **MATSON & KRON, Chicago,** planted with the newer and standard varieties of Carnations, and solicit the esteemed patronage of those who are in the market for first-class stock. At present we have ready for delivery, the following

Carnation Cuttings, Clean, Healthy and Well Rooted

Nelson Fisher, Mrs. Patten, Mrs. Lawson, Enchantress, Boston Market, Gov. Wolcott, Flora Hill. Quality of Cuttings Guaranteed. Write for prices.

JENSEN & DEKEMA, 631 W. Foster Ave., Chicago

J. E. JENSEN. J. S. DEKEMA.

Mention The Review when you write.

60,000 Grafted Rose Plants

We are now grafting on the best English Manetti the above amount of all selected flowering wood ready for delivery April 1st, in 2½-inch pots, well established and hardened off.

Brides and Bridesmaids, per 100, $10.00.

La Detroit, Gen. MacArthur and Liberty, per 100, $12.00.

ROOTED CUTTINGS.

Bride, Bridemaid and Chatenay, per 100, $1.50.
Perle and Liberty, per 100, $2.50.

Carnations

Rooted Cuttings Now Ready.

	Per 100	Per 1000
Gov. Wolcott	$1 50	$12 50
White Cloud	1 50	12 50
Norway	1 50	12 50
Mrs. Lawson	1 50	12 50
Morning Glory	1 50	12 50
Joost	1 50	12 50
Enchantress	3 00	25 00
Crusader	5 00	40 00
Crane	1 50	12 50
America	1 50	12 50
Estelle	3 00	25 00
Gaiety	2 00	15 00
Prosperity	1 50	12 50
Flamingo	6 00	50 00

All Plants Shipped from Hinsdale.

Bassett & Washburn,

Greenhouses, Hinsdale, Ill.

Office & Store 76 Wabash Ave., CHICAGO.

Mention The Review when you write.

Carnation Rooted Cuttings

	Per 100	Per 1000
WHITE LAWSON	$6.00	$50.00
FLAMINGO	6.00	50.00
ENCHANTRESS	3.00	25.00
THE QUEEN	2.50	20.00
THE CARDINAL, from 2-in. pots	12.00	

LARCHMONT NURSERIES, Larchmont, N. Y.

Mention The Review when you write.

A LARGE STOCK OF WELL ROOTED

Carnation Cuttings

Selected from clean, healthy stock; just the kind you are looking for and at **Rock Bottom Prices.** As a leader we offer

MRS. LAWSON, $1.25 per 100; $10 per 1000

	Per 100	Per 1000		Per 100	Per 1000
BOSTON MARKET	$2.00	$15.00	MRS. INE	$1.50	$12.00
STELLA	2.00	15.00	MRS. NELSON	1.50	12.00
HARRY FENN	2.00	15.00	TRIUMPH	1.50	12.00
ROOSEVELT	1.50	12.00	FLORA HILL	1.00	9.00
ESTELLE	2.50	20.00	GUARDIAN ANGEL	1.00	9.00

All stock sold with the understanding that if not as represented, same is to be returned immediately when money will be cheerfully refunded.

J. A. BUDLONG, 37 Randolph St., CHICAGO

Mention The Review when you write.

RED SPORT (Of Maceo.)

Red Sport has proved the greatest money-maker we ever grew, producing more good blooms to the square foot of bench room than any other variety on the place. During the glut the first part of January we could only get four cents for fancy Lawson and sold every Red Sport we had at five cents. Every grower who was here in December was carried away with its possibilities, as a future supply of a "holly berry red" for Xmas. There is no pick in the blooms. They are all a uniform size and color. There are 40,000 or 50,000 buds showing in different stages of development at this time and there is not a split or off color bloom in the lot and every plant is the picture of health. We will plant 20,000 plants of Red Sport for next season's bloom and the cut is already engaged by two of Washington's leading retailers. Red Sport is an easy doer and everyone can grow it as successfully as we can. Price for Feb. 20th delivery—12 for $1.50; 25 for $2.50; 50 for $4.00 post-paid; $6.00 per 100; $50.00 per 1000. We guarantee stock to arrive in good condition and be well rooted.

A. B. DAVIS & SON, Carnation Specialists, PURCELLVILLE, VA.

Mention The Review when you write.

RICHMOND GEM Ready Now

Freest scarlet on the market today, $10.00 per 100; $40.00 per 500; $75.00 per 1000. Also

Mrs. Lawson	$1 50	per 100;	$12.50	per 1000	
Mrs. Joost	1.25	"	10.00	"	
Enchantress	4.00	"	30.00	"	
Marquis	1.25	"	10.00	"	
Boston Market	2.50	"	20.00	"	
White Cloud	$1.50	per 100;	$12.50	per 1000	
Queen Louise	1.25	"	10.00	"	
Flora Hill	1.25	"	10.00	"	
Prosperity	1.50	"	12.50	"	
Estelle	2.00	"	15.00	"	

Our price isn't high. The quality cannot be surpassed.

W. C. HILL FLORAL CO., STREATOR, ILL.

Mention The Review when you write.

ROOTED CUTTINGS

Roses—Bride, Chatenay, Gate, Perle and Ivory, $2.00 100; Uncle John and Beauty, $3.00 100.
Carnations—Mrs. M. A. Patten, $5.00 per 100; D. Whitney, Enchantress, 4c; White Cloud, Joost, Morning Glory, Gov. Wolcott, Q. Louise, $1.50 per 100. **Special price on large lots.**

J. F. AMMANN, Edwardsville, Ill.

Mention The Review when you write.

CARNATIONS

F. DORNER & SONS CO., LaFayette, Ind.

Mention The Review when you write.

We Can Supply You. Write Us for Prices.

CARNATIONS
White Lawson, Flamingo, Lady Bountiful, Nelson Fisher, Crusader and Others.

Chrysanthemums
The 3 grand new commercial varieties, Majestic, Adelia and Madonna.

ROSES La Detroit, American Beauty, Mildred Grant, Gen. MacArthur, Liberty, Bride, Maid, Perle, Sunrise, Mme. Hoste, Mme. Cusin, Bon Silene, Papa Gontier, Kaiserin.

SNAPDRAGONS
Giant Pink, White and Yellow.

John Breitmeyer's Sons, Detroit, Mich.

Mention The Review when you write.

PITTSBURG.

The Market.

Notwithstanding the extraordinary cold, the past week has been a good one so far as business has been concerned. St. Valentine, that good saint who is credited with bringing hearts together, had much to do with the first of the week and brought many dollars to the pockets of the florists. Next year he will be given more consideration than he has heretofore in the way of special boxes for the arrangement of floral valentines.

Various Notes.

Geo. L. Huscroft, of Steubenville, has bought eleven acres of land on the main street, adjoining the cemetery, on which he expects to move his greenhouse plant in the near future.

Geo. Burke and his assistant, John Jones, are beginning to get things in shape, looking forward to the Easter show at Schenley park, which is one of the floral features of our city.

T. P. Langhans, who is a follower of Isaak Walton, entertained about thirty of his fisher friends last Thursday evening and the decorations were well worthy of mention. The parlor was arranged to represent a fishing camp. The floor was covered with a green rug, the furniture all being removed, the walls and ceiling covered with wild smilax, scrub oak with the old leaves, and Norway spruce. The tent stood at one end of the room, with the American flag over it. A campfire in the center of the room, with oars, nets, rods and lines, and all paraphernalia of a fisherman, completed the decorations. As we entered the room a quartette from the fishing club were lying around the fire, with only the light of the fire and a lantern, singing "You're as welcome as the flowers in May." After all had enjoyed the effect of this realistic night scene, the lights were turned up and tables and chairs produced, and progressive euchre and fishing stories filled in the time until supper, when all were compelled to pass through the tent singly before going out to the dining room. I am not saying what was in the tent, but sometimes you heard a sissing noise, and some staid longer than others. The tables were made of bare white pine boards and formed three sides of a square. We ate off tin plates and drank from tin cups all of the good things of the season, and after a few witty stories several made eloquent speeches.

Hoo-Hoo.

$12 per 100
$100 per 1000
250 at 1000 rate

VICTORY

TO BE DISSEMINATED 1906

PLACE YOUR ORDERS FOR ROOTED CUTTINGS OF

	Per 100		Per 100
WHITE LAWSON	$6 00	HARRY FENN	$2 50
NELSON FISHER	6 00	GOETHE, light pink	2 50
MRS. PATTEN	6 00	GENEVIEVE LORD	2 50
ENCHANTRESS	3 00	MANLEY	3 00
PROSPERITY	3 00	MACEO	1 50
THE BELLE	6 00	CERVERA	2 00
LADY BOUNTIFUL	6 00	LAWSON	2 00

5 per cent discount for cash with order. Send your orders early.

ALEXANDER J. GUTTMAN, 52 W. 29th Street, New York City

Mention The Review when you write.

We Can Ship
White Lawson
AT ONCE

We sent this variety out last season; it has given general satisfaction. Our stock is pure white. Rooted Cuttings, $7.00 per 100; $60.00 per 1000. Special prices on larger quantities. Send for our catalogue.

Chicago Carnation Co.

JAS. HARTSHORNE, Manager. **JOLIET, ILL.**

Mention The Review when you write.

.....FINE ROOTED.....

CARNATION CUTTINGS

From sand of Enchantress and Fair Maid, $3.00 per 100; $25.00 per 1000. Same varieties from pots $3.50 per 100; $30.00 per 1000. Cash with order.

J. W. FOOTE, - MALDEN, MASS.

Mention The Review when you write.

Strong Rooted Carnation Cuttings

	Per 1000		Per 1000
Enchantress	$25.00	Adonis	$20.00
Lord	9 00	Flamingo	40.00
Angel	10.00	Estelle	15.00
Lawson	9.00	Bradt	10.00
Gov. Wolcott	10 00	Mrs. M. A. Patten.	40.00
Flora Hill	9.00	Peru	8.00
Boston Market	20.00	Queen Louise	7.00

Cash or C. O. D.

SOL. GARLAND, Des Plaines, Ill.

THE BEST WHITE CARNATION IS

Lieut. Peary (WARD)

CERTIFICATED 90 POINTS.

PEDIGREE—White seedlings for several generations. **COLOR**—Snow white. **FRAGRANCE**—Very strong clove, decidedly fresh, and pleasing. **SIZE**—Large, averaging 3 inches in diameter on strong stiff stems, 18 to 20 inches in length. **FLOWER**—Full, broad petaled and high center and of a fine symmetrical form. **CALYX**—Long, strong and does not burst. Fine keeper and excellent shipper. **HABIT**—Strong and erect. **GRASS**—Medium width. **CONSTITUTION**—Very vigorous and free from disease. Cuttings root rapidly and will be sent out in the most perfect condition. Commences blooming October 15th and flowers continuously throughout the winter, affording an abundant crop. A first-class commercial variety in every respect. Now booking orders.

Price, $12.00 per 100; $100.00 per 1000.

COTTAGE GARDENS CO., Queens, N.Y.

Incorporated.

ALSO THE FOLLOWING NOW READY:

3000 ETHEL WARD, 2000 THE PRESIDENT, 2000 WHITE LAWSON	$7.00 per 100. $60.00 per 1000.
5000 ENCHANTRESS, 2000 CHRISTMAS EVE	$4.00 per 100. $30.00 per 1000.
2000 GOLDEN EAGLE	$5.00 per 100; $40 per 1000.
1000 HARRY FENN, 5000 LAWSON	$3 00 per 100. $25.00 per 1000.
2000 PROSPERITY	$2.00 per 100; $15 00 per 1000.
3000 MACKINAC, 2000 THE BELLE, 2000 LADY BOUNTIFUL, 3000 JUDGE HINSDALE, 2000 MRS. PATTEN, 2000 NELSON FISHER, 2000 OCTOROON, 2000 FLAMINGO	$6.00 per 100. $50.00 per 1000.

50 of a kind at 100 rate; 250 of a kind at 1000 rate.

Mention The Review when you write.

Carnation Rooted Cuttings

	Per 100	Per 1000
Lady Bountiful	$6.00	$50.00
The Belle	6 00	50 00
Flamingo	6.00	50.00
Nelson Fisher	6.00	50 00
Mrs. Patten	6.00	50 00
Enchantress	3 50	30.00
Prosperity	3 00	25.00
Manley	3.00	25 00
Boston Market	3.00	25 00
Nelson	3.00	25.00
Harry Fenn	2.50	20.00
Gov. Wolcott	2.50	20.00
Adonis	2.50	20.00
Lawson	2 00	17.50
White Cloud	1.50	12.50
Morning Glory	1.50	12.50
Joost	1.25	10 00

500 at 1000 rate.

FERNS: Boston Ferns, 2½-inch, $5.00 per 100; 3-inch, at $8.00; 4-inch, at $15 00; 5-inch, at $25.00; 6 inch, at $40.00; 7-inch, at $90.00.

CASH OR C. O. D.

W. J. & M. S. VESEY, Fort Wayne, Ind.

Mention The Review when you write.

My Maryland

Was the sensation of the Chicago Exhibition. Easily outranks any other white. Awarded first-class Certificate of Merit by the American Carnation Society. Lawson Bronze Medal for 100 blooms and S. A. F. Bronze Medal for 50 blooms. We predict that this variety will easily displace any other white.

We are booking orders now for delivery January, 1906. **Price, $2.50 per doz.; $12 00 per 100; $100.00 per 1000.** Write us for other new and standard varieties.

H. WEBER & SONS, OAKLAND, MD.

Mention The Review when you write.

ROOTED ROSE CUTTINGS

Strongly rooted cuttings, $12 50 per 1000.

	Per 100	Per 1000
Brides, Maids, Ivory, Golden Gates	$1.50	$12 50
Perles, Meteors	2 00	20 00
American Beauties	3.00	30 00

Boston Ferns, 2¼-in., $3 50; 4 in., $12; 5-in., $20; 6-in., $35; 7 in., $60; 8-in., $75. Excellent value.

Asparagus Plumosus, very strong, 4-in., $10 per 100, fine stuff, ready to retail at 25c each.

Sprengeri, 4-in., choice, $8 per 100.

W. H. GULLETT & SONS, Lincoln, Ill.

Mention The Review when you write.

ROOTED CARNATION CUTTINGS

	Per 1000		Per 1000
Enchantress	$25 00	Adonis	$25.00
Lord	10.00	Estelle	12.50
Angel	10 00	Bradt	10.00
Lawson	12.50	Peru	10.00
Flora Hill	10.00	Queen Louise	8.00

Cash or C. O. D.

PERCY JONES, 58-60 Wabash Ave., CHICAGO

Mention The Review when you write.

$10 per 100 $40 per 500 $75 per 1000	**Red Lawson will Bloom** 3 to 1 against any other RED Carnation on the market	$10 per 100 $40 per 500 $75 per 1000
8000 BLOOMS Cut and Sold Xmas Week at $1.50 per doz.	**Palmer's RED LAWSON**	8000 BLOOMS Cut and Sold Xmas Week at $1.50 per doz.
$10 per 100 $40 per 500 $75 per 1000	**50,000 CUTTINGS SOLD** and not a word of complaint FINE, STRONG, HEALTHY CUTTINGS	$10 per 100 $40 per 500 $75 per 1000

W. J. PALMER & SON, Lancaster, N. Y.

Mention The Review when you write.

ROOTED CARNATION Cuttings, Now Ready

White Lawson,	M. A. Patten,
Flamingo,	Nelson Fisher,
Lady Bountiful,	Albatross,

The above at $5 per 100; $40 per 1000.

The following at $3 per 100; $25 per 1000.

Enchantress,	The Queen,
Boston Market,	Fairmaid.

Imperial Greenhouses, Utica, N. Y.

Mention The Review when you write.

Rooted Cuttings CARNATIONS Clean and Healthy

MRS. M. A. PATTEN	$6.00 per 100
NELSON FISHER	7.00 "
ENCHANTRESS	3 00 "
WOLCOTT	2.00 "
BOSTON MARKET	2.00 "
J. H MANLEY	2.00 "
MACEO	2.00 "

SIDNEY LITTLEFIELD, North Abington, Mass.

Mention The Review when you write.

MODEL EXTENSION Carnation Supports.

ALSO

Wire Rose Stakes and Tying Wire.

Igoe Bros., Manufacturers, 226 North 9th St., Brookiyn, N. Y.

Mention The Review when you write.

Always mention the Florists' Review when writing advertisers.

CARNATIONS

Petunias Salvias

STRONG ROOTED CUTTINGS.

	Per 100	1000		Per 100	1000
N. Fisher	$5 00		Wolcott	$2.00	$18.00
Indianapolis	4.00		Glacier	1.50	14 00
Enchantress	2.50	$24.00	Mrs. Lawson	1.50	14 00
B. Market	2.00	18.00	Prosperity	1.50	14.00
Estelle	2.00	18.00			

Petunias—Double Fringed. We are headquarters for these. Six distinct novelties, labeled, $1.25 per 100; $10.00 per 1000.

Salvias—The two best. Drooping Beauty, (dwarf), Bonfire, (tall), $1.00 per 100; $8.00 per 1000.

Send for our descriptive list.

The W. T. Buckley Co.

SPRINGFIELD, ILL.

Mention The Review when you write.

CARNATION CUTTINGS

Well Rooted from Selected Stock.

	Per 100	Per 1000
NELSON FISHER	$7.00	$60.00
MRS. M. A. PATTEN	6,00	50.00
FLAMINGO	6 00	50.00
CRUSADER	6.00	50.00
D. WHITNEY	5.00	40.00
ENCHANTRESS	4.00	30.00
H. FENN	3.00	25.00
MANLEY	3.00	25.00
FAIR MAID	2,50	20.00
QUEEN	3.00	25.00

BACKER & CO., Billerica, Mass.

THE NEW ROSE **WELLESLEY**

IS A WELCOME ADDITION TO THE LIST OF FORCING ROSES.

Color is bright pink, with reverse of petals clear silvery pink, thus producing a combination that is exceedingly effective either in daylight or artificial light. Growth is very free and exceptionally vigorous and will prove satisfactory every month in the year. Delivery strictly in rotation, beginning April first. PRICES: Own Root—$25 per 100; $55 per 250; $100 per 500; $200 per 1000. Grafted—$30 per 100; $70 per 250; $130 per 500; $260 per 1000.

Waban Rose Conservatories, Natick, Mass.

JOHN N. MAY, - - SUMMIT, NEW JERSEY.

WASHINGTON.

The Market.

The flower business in this city has been fairly good in spite of the continuance of cold weather. Roses of all kinds are running rather scarce; consequently high prices prevail. Good tea roses are bringing $15 to $20 per hundred. Beauties are unusually scarce and bringing fancy prices, ordinary 18-inch to 20-inch stems $5 per dozen, long stems $9 to $12 per dozen. Azaleas, lilac and all other blooming plants are fine but on account of the cold weather they do not move. Tulips and jonquils go at $2 to $3 per hundred, violets at 50 cents.

Various Notes.

The regular meeting of the Florists' Club for February was well attended. Chairmen of the various convention committees all reported progress. The souvenir book for 1905 is in the hands of Vice-president J. R. Freeman, who brought a copy to the meeting for opinion. The club was very much pleased with the book, as well as the estimates for printing. A committee was also appointed to receive and entertain the executive committee of the S. A. F. when it meets here in March. Several other committees are resting on oars as they are powerless to go further with their work until after the executive committee meeting. All members are notified that the annual election of officers will take place at our next meeting.

Peter Bisset, of Twin Oaks, showed his new rose. This is the result of a cross between Liberty and Mme. Abel Chatenay. The color is intermediate between the two parents, on first opening the buds are a very deep pink, much darker than Bridesmaid, and gradually fade to the silvery pink of La France at its best. The originator says it is a free grower, sending up fine stems with good large flowers. F. H. K.

Des Moines, Ia.—An explosion of gasoline in the engine room at J. F. Marshall's on February 13 threatened the destruction of the establishment but the greenhouses were saved.

SIGMUND GELLER,

FLORISTS' SUPPLIES AND RIBBONS
108 W. 28th St., NEW YORK CITY.
—HEADQUARTERS FOR NOVELTIES—

Mention The Review when you write.

500,000 VERBENAS — 60 — VARIETIES

The Largest and Finest Stock in the Country.
PERFECTLY HEALTHY — NO RUST

Rooted Cuttings—Per 100, 60c; per 1000.....$5.00
Plants—2½-inch pots, $2.50 per 100; per 1000.....$20.00

300,000 CARNATIONS ROOTED CUTTINGS CLEAN AND HEALTHY

CRISIS—New Commercial Scarlet; per 100, $12.00; per 1000, $100.00

	100		100		100
Mrs. Patten	$6.00	Flamingo	$6.00	Buttercup	$3.00
Judge Hinsdale	4.00	Dorothy Whitney	3.00	Prosperity	2.00
Lady Bountiful	5.00	Golden Beauty	3.00	Mrs. J. H. Manley	2.50

	100	1000		100	1000		100	1000
Enchantress	$3.00	$25.00	The Queen	$2.50	$20.00	Floriana	$1.25	$10.00
Mrs. Lawson	2.00	15.00	Mrs. E. A. Nelson.	1.50	12.00	Lorna	1.25	10.00
Adonis	2.50	20.00	White Cloud	1.50	12.00	Eldorado	1.25	10.00
Harry Fenn	2.00	15.00	Dorothy	1.25	10.00	Mrs. Joost	1.25	10.00
Gov. Roosevelt	1.50	12.00	Wm. Scott	1.25	10.00	Flora Hill	1.25	10.00
Mrs. P. Palmer	1.25	10.00	Queen Louise	1.25	10.00	Portia	1.25	10.00

60,000 GRAFTED ROSES for Forcing—The Finest Grown

Orders booked for delivery in April, May and June.

Liberty, rose pots, 12.00 per 100; 3½-inch pots, per 100.....$18.00
Bride, Maid, Golden Gate, Kaiserin, rose pots, $10.00 per 100; 3½-inch pots, per 100.....$15.00

SEND FOR PRICE LIST.

J. L. DILLON, Bloomsburg, Pa.

Mention The Review when you write.

We have about 10,000 fine, strong, well-rooted cuttings of

Ethel Crocker,

which will make fine stock for blooming next summer outdoors. This is easily the best variety for this purpose and these cuttings will pay you well. Order at once so you will get good sized plants by planting-out time. $10.00 per 1000.

INDIANAPOLIS

is the most profitable bright pink carnation on the market today. $5.00 per 100; $45.00 per 1000. Also

BEATRICE, the commercial Light Pink,
INDIANA MARKET, the most profitable White and
FLAMBEAU, the hot weather Scarlet.

Better get a stock of these, they will please you next winter when carnations are scarce. $10.00 per 100; $80.00 per 1000. We also have the best of last year's novelties as well as standard varieties. Get our descriptive price list.

BAUR & SMITH, Carnation Specialists, 38th St. and Senate Ave., **INDIANAPOLIS, IND.**

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CARNATIONS, Rooted Cuttings.

	Per 100	Per 1000
PHYLLIS	$12.00	$160.00
CHICAGO WHITE	12.00	100.00
RICHMOND GEM	10.00	75.00
THE BELLE	5.00	45.00
CRUSADER	5.00	45.00
INDIANAPOLIS	5.00	45.00
ENCHANTRESS	$3.00	$25.00
BOSTON MARKET	2.50	20.00
NELSON	1.50	12.50
ADONIS	2.50	20.00
LAWSON	1.50	12.50
MORNING GLORY	1.50	12.50
JOOST	$1.00	$9.00
HIGINBOTHAM	1.00	9.00
FLORA HILL	1.00	9.00
QUEEN LOUISE	1.00	9.00
PERU	1.00	9.00
GUARDIAN ANGEL	1.00	9.00

ROSES!

Rooted Cuttings

	Per 100	Per 1000
CHATENAY	$2.50	$20.00
UNCLE JOHN	2.50	20.00
BRIDESMAID	1.50	12.50
BRIDE	1.50	12.50
IVORY	1.50	12.50
PERLE	1.50	12.50

From 2 1-2 inch Pots.

	Per 100	Per 1000
RICHMOND	$30.00	$250.00
ROSALIND ORR ENG.	25.00	200.00
LA DETROIT	6.00	50.00
CHATENAY	4.00	30.00
SUNRISE	4.00	30.00
PERLE von Godesberg	5.00	40.00
LIBERTY	$5.00	$45.00
UNCLE JOHN	4.00	35.00
KAISERIN	4.00	30.00
BRIDESMAID	3.00	25.00
BRIDE	3.00	25.00
IVORY	3.00	25.00
PERLE	3.00	25.00

All plants sold under express condition that if not satisfactory when received they are to be immediately returned, when money will be refunded.

PETER REINBERG, Telephone 2846 Central, **51 WABASH AVE., CHICAGO**

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Carnations!

ROOTED CUTTINGS READY NOW.

Clean, Healthy Stock, Well Rooted.

RED	Per 100	Per 1000
Crusader	$ 5.00	$ 45.00
Estelle	2.50	20.00
Mrs. Ine	1.50	12 50
Flamingo	5.50	45.00
LIGHT PINK		
Gibson Beauty	12.00	100.00
Enchantress	3.00	25.00
Mrs. Higinbotham	1.00	9.00
PINK		
Mrs. Lawson	1.50	12.50
Mrs. Nelson	1.50	12.50
Guardian Angel	1.00	9.00
Mrs. Joost	1.25	10.00
Genevieve Lord	1.25	10.00
WHITE		
Boston Market	2.50	20.00
Peru	1.00	9.00
White Cloud	1.50	12.50
Queen Louise	1.00	9.00
Flora Hill	1.00	9.00
VARIEGATED		
Mrs. M. A. Patten	5.50	45.00
Rooted Rose Cuttings—		
American Beauty	3.00	25.00
Liberty	3.00	25.00
Bridesmaid	1.50	12.50
Bride	1.50	12.50
Ivory	1.50	12.50
Golden Gate	1.50	12.50

GEORGE REINBERG

51 Wabash Ave., **CHICAGO**

—UNROOTED—

CARNATION CUTTINGS

The following at $3 per 100; $25 per 1000.

White Lawson, Flamingo, Lady Bountiful, M. A. Patten, Nelson Fisher, Crusader,

The following at $2 per 100; $15 per 1000.

Enchantress, Boston Market, The Queen, Fairmaid.

Imperial Greenhouses, Utica, N. Y.

ROOTED CARNATION CUTTINGS

WHITE.	Per 100	Per 1000
May Naylor	$2 50	$20 00
Queen	2 50	20 00
Queen Louise	2 00	15 00
Gov. Wolcott	2 00	15 00
Boston Market	2 00	15 00
VARIEGATED.		
Mrs. Patten	6 00	
Prosperity	2 50	20 00
Judge Hinsdale	4 00	
PINK.		
Enchantress	$3 50	$30 00
Lawson	2 00	15 00
Fair Maid	2 00	15 00
Nelson Fisher	6 00	
CRIMSON.		
Harlowarden	2 50	20 00
Octoroon	4 00	
Harry Fenn	2 50	20 00

SCARLET.

Flamingo, 100, $6.00. Gov. Bliss, 100, $2.50; 1000, $20. Crane, 100, $2.00; 1000, $15.00

		Per 100	Per 1000
POT GROWN CARNATIONS, 2-INCH STOCK.	Lawson, Queen Louise, Prosperity,	$4 00	$30 00
	Harlowarden	5 00	40 00
	Enchantress	6 00	50 00

GRAFTED ROSES ON STRONG ENGLISH MANETTI STOCK.

Bridesmaid, Bride, Ivory, Golden Gate, Chatenay $120 00

Uncle John, La Detroit, Gen. MacArthur $18 00

SAMUEL S. PENNOCK, 1612-14-16-18 LUDLOW ST., **PHILADELPHIA.**

ROSES List Grown for the Trade. **ROSES**

Bride, Maid, Golden Gate, Ivory, Meteor, Souv. de Wootton, Kaiserin, Perle des Jardins, Belle Siebrecht, La France, President Carnot, Gen. MacArthur, La Detroit, American Beauty.

We offer exceptional values in Perles in 2 and 3-in. rose pots. As good as any you ever saw, at $3.00 and $4.50 per 100. Ready now.

Fine Am. Beauties, March delivery, $6 per 100.

Write GEO. A. KUHL, Pekin, Ill.

Mention The Review when you write.

J. D. THOMPSON CARNATION CO.,

JOLIET, ILL.

CARNATIONS OUR SPECIALTY

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ROOTED CUTTINGS

Of early Chrysanthemums, Opah, Mme. Bergmann, Willowbrook and October Sunshine.

Rooted Cuttings of Violets of all kinds.

ELI CROSS, Grand Rapids, Mich.

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FRED BURKI

is the commercial white carnation you ought to grow. It will pay you well to invest in it. All orders booked now are for March delivery.

S. S. SKIDELSKY, Philadelphia.

JOHN MURCHIE, Sharon, Pa.

Carnations Rooted Cuttings

FINE HEALTHY STOCK

	Per 100	Per 1000
ENCHANTRESS	$3.50	$30.00
QUEEN	2.50	20.00
LAWSON	2.00	15.00
QUEEN LOUISE	2.00	15 00
WOLCOTT	2.00	15.00
FLORIANA	1.50	12.50
LORD	1.25	10.00

ROBERT C. PYE, NYACK, N. Y.

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We Wish to Announce

to the trade that we are the successors of

W. P. PEACOCK, Dahlia Specialist

Send for our beautifully illustrated descriptive catalogue for 1905; now ready.

L. K. PEACOCK, (Incorporated) Acto, New Jersey

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Chrysanthemum Novelties

We are headquarters for the best new varieties. Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Mileham, Lady Cranston, A. J. Miller, Mrs. D. V. West, etc., etc. Complete list now ready. Send for a copy.

CHARLES H. TOTTY, MADISON, N. J.

Mention The Review when you write.

FOR COLD CLIMATE.

I am building a new greenhouse 22x40 feet with a glass partition in the center. I shall use the east half for roses and carnations. The two side benches are three feet wide and the two center benches are six feet wide. Please tell me how many pipes I need and how to arrange them to maintain 65 degrees in weather occasionally 40 to 45 below zero. Which is the best and the cheapest on fuel, hot water or steam? Which is the best kind of boiler to save fuel? I shall use hard coal. The boiler will be six to seven feet below the ground level. P. J. K.

Under the circumstances I judge that a hot water system would be preferable to any other. The house 22x40 feet can be piped with 2-inch pipe by supplying eighteen runs the length of the house. At least three flow pipes should be maintained to supply three manifolds containing five returns each. The piping can all be arranged under the benches. An expansion tank of at least thirty gallons capacity should be connected with the main return and located twelve or fifteen feet above the top of the boiler. A boiler with a capacity of about 1,000 feet radiation should be employed. The type of boiler which is most economical of fuel is of the return tubular from or a close approach to that type. There are several good boilers of this type on the market. L. C. C.

Highland Park, Mich.—A. A. Frey & Son have just installed a new boiler made by the Burns Boiler Co., West De Pere, Wis. They had a new house to heat with it.

Hinsdale, Mass.—The fern dealers are having a good deal of trouble with the earliest lots of hardy cut ferns put into storage. Many are a total loss and others sent to customers at the increased price now asked either come back or an allowance is demanded for bad ferns and the work of picking over.

Dahlias, Awarded 10 Gold Medals in 1903 and 12 Gold Medals in 1904. **Pot Roots,** Awarded the Silver Medal by the International Jury at the St. Louis Exposition.

POT ROOTS FOR SHIPMENT AT ONCE Every section, including the popular CACTUS DAHLIAS at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 per 100. These are post free terms. Note this when comparing prices. **Terms cash with order.**

TEMPTING BARGAINS Those who prefer to have their goods through a forwarding house instead of by parcel post can be supplied in every section, including Cactus at $4.00, $5.00 and $6.00 per 100 in 25 sorts.

12 SEEDLING CACTUS DAHLIAS All 1903 sorts and certificated by the Dahlia Societies in England; post free for $2.50; Albion, Etna, Eva, Iceberg, John Gilpin, Mabel Tullock, Winsome, Amos Perry, Fred Cobbold, F. H. Chapman, Loogalu and Red Cap.

1904 SEEDLING CACTUS DAHLIAS A rare opportunity; only a few to offer at $1.25 each, post free in quantities of not less than 4 sorts. Dainty, Dorothy Vernon, Effective, Northern Star, Sweet Nell., Yellow Gem, F. M. Stredwick, Mrs. Brousson, Mrs. Wilkinson, Oliver Twist, Hereward, Comet, Osprey, Sirius and Rainbow. One each of these 16 novelties post free for $16.00. **Terms cash with order.**

HOBBIES LIMITED Catalogue free of charge. **NORFOLK NURSERIES DEREHAM, ENG.**

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Chrysanthemum Price List, 1905

EARLY — R. Halliday, Monrovia, yellow; PollyRose, Mme. Bergmann, Ivory, Willowbrook, Geo. S. Kalb, white; Glory of Pacific, Pink Ivory, Lady Harriet, Montmort, pink.

MIDSEASON—Maj. Bonnaffon, Col. Appleton, Yellow Eaton, Percy Plumridge, yellow; Mrs. H. Robinson, Mrs. Weeks, T. Eaton, white; Mlle. Liger, Mrs. Probin, pink; Black Hawk, Mrs. Coombes, red.

LATE—W. H. Lincoln, H. W. Rieman, yellow; Mrs. J. Jones, Yanoma, white; Maud Dean, pink.

Plants from 2½-inch pots, $2.50 per 100; $20.00 per 1000.

Rooted Cuttings, $1.50 per 100; $12.50 per 1000.

These are all good standard varieties. Only strong, healthy plants used for stock. All cuttings and plants guaranteed strictly up in quality. Terms cash or satisfactory references.

The BAUR FLORAL CO., Erie, Pa.

CHRYSANTHEMUMS

ROOTED CUTTINGS NOW READY.

A Few of Our Leaders:

Wm. Duckham, Ben Wells, $2.00; F. A. Cobbold, Leila Filkins, $3.00 100; Mrs. Thirkell, $1.50 100.

Send for complete list. No order filled for less than $1.00.

Asparagus Sprengeri, strong, 2¼x3¼, $1.75 100.

W. A. CHALFANT, Springfield, Mo.

Chrysanthemums

Worth Growing.

The following are among the best. A large stock of the leading varieties now ready to ship.

OPAH—The best extra early white.

OMEGA and MONROVIA—The best early yellows.

Also Glory of Pacific, Polly Rose, Cremo, all $3.00 per 100.

In **Midseason Sorts,** we have Appleton, Mrs. J. C. Neville, Mrs. Coombes, Mrs. H. Robinson, Marion Newell, Kate Broomhead, Maj. Bonnaffon, Percy Plumridge, etc., $3.00 per 100.

Dr. Enguehard & Sunburst, $5.00 per 100.
Wm. Duckham..... 4.00 per 100.

Late Varieties: Lavender Queen, W. H. Chadwick, Yanoma, Intensity, Nagoya, and many others, $3.00 per 100.

Our Chrysanthemum Catalogue for 1905, containing a full list of varieties, has been mailed. If not received, send a postal.

Nathan Smith & Son

Adrian, Mich.

Dreer's Summer-Flowering Bulbs



NEW FRILLED BEGONIA.

TUBEROUS-ROOTED BEGONIAS

Single, scarlet, crimson, white, yellow, rose and orange, 40c per doz.; $3.00 per 100; $25.00 per 1000.

Single Mixed Colors, 35c per doz.; $2.30 per 100; $22.00 per 1000.

Double, scarlet, rose, white and yellow, 65c per doz.; $5.00 per 100; $40.00 per 1000.

Double Mixed Colors, 50c per doz.; $4.00 per 100; $35.00 per 1000.

New Frilled, a unique form, large flowers with wavy or frilled petals like a fringed Petunia, $2.50 per doz.; $20.00 per 100.

GLOXINIAS

An extra fine strain, strong well matured bulbs, red, white, blue, red bordered white, blue bordered white, or choicest mixed, 50c per doz.; $4.00 per 100; $35.00 per 1000.

FANCY-LEAVED CALADIUMS

Choice named sorts, fine large bulbs.....$1.25 per doz.; $10.00 per 100.
Choice mixed sorts, fine large bulbs..... 1.00 " 8.00 "

GLADIOLI

We have a splendid stock of the very finest named varieties as well as selected mixtures. See wholesale price list.

TUBEROSES

Double Pearl, selected bulbs.....$1.00 per 100; $7.50 per 1000.

Amaryllis, Caladiums, Dahlias, Liliums, Montbretias, Tigridias, Zephyranthes, etc.

All of the above are offered in our Wholesale Price List. Copies sent to Florists on application.

HENRY A. DREER, Philadelphia, Pa.

SHAMROCK

Irish. Grown from cuttings. Very strong and fine. None better offered. Will be just right for St. Patrick's day. Don't wait until all are sold. $4.00 per 100, or 60c doz.. by mail.

XXX SEEDS.

Phlox Pumila Compacta. Very dwarf and compact; grand for pots; in finest colors, mixed. Trade pkt., 25c.

Alyssum Compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots. Trade pkt.. 25c.

Chinese Primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.

Pansy, Finest Giants. The best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c.

Petunia. New star, from the finest marked flowers, extra choice. Trade pkt., 25c.

Cash. Liberal extra count of seeds in all packets.

JOHN F. RUPP, Shiremanstown, Pa.
THE HOME OF PRIMROSES.
Mention The Review when you write.

PANSY PLANTS

	Per 100.
Large Flowering, $2.50 per 1000	$0.60
Asparagus Plumosus Nanus, small plant	1.75
10 Varieties Geraniums, 2 and 2½-inch pots	3.00
Alternantheras, red and yellow, March 1	2.00
10 Varieties Coleus, 2-inch pots, March 1	2.00

—— CASH ——

JOS. H. CUNNINGHAM, Delaware, O.

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Rooted Cuttings

PELARGONIUMS, 15 var., $2.25 per 100.
VERBENAS, 30 var., 60c per 100; $5.00 per 1000.
HELIOTROPE, 12 var , $1.00 per 100; $8 per 1000.
PETUNIAS, 20 var., $1.25 per 100; $10.00 per 1000.
SALVIAS, 6 var., $1.00 per 100; $8.00 per 1000.
GIANT ALYSSUM, $1.00 per 100; $8.00 per 1000.
AGERATUMS, 4 var., 60c per 100; $5.00 per 1000.
COLEUS, 40 var., 70c per 100; $6.00 per 1000.
DAISIES, $1.00 per 100.

Express prepaid on all R. C.
Cash with orders. Write

S. D. Brant, Clay Center, Kan.

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HIBISCUS REGIA MAXIMA, PEACH BLOW, CARMINATUS PERFECTUS

Healthy, well established plants, in 3-inch pots, 75c per doz : $6.00 per 100.

FARFUGIUM GRANDE

We still have a few hundred left. Fine plants in 4-inch pots, well colored, at $15.00 per 100.

BOSTON and PIERSONI FERNS

We desire to repeat our offer on a limited quantity of rooted runners on these two varieties. Prices, $2.00 per 100; $18.00 per 1000. 250 at 1000 rate. Terms Cash.

Michel Plant and Bulb Co., St. Louis, Mo.

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75,000

ASPARAGUS PLUMOSUS NANUS

Seed, $2.50 per 1000

New crop now ready. Send for samples.

WM. LINFOOT, —— 317 —— **N. Vermilion St. DANVILLE, ILL.**

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MONEY by TELEGRAPH

ORDER NOW. THE TELEGRAPH GERANIUM

will make you MONEY faster than any plant you may handle this season. A prize winner all over. Pronounced the finest on the Market. Will sell off your bench at sight for $3.00 per doz. and give tone to your establishment. Strong 2½-in. plants. $15.00 per 100. On sale by the leading houses and

THOS. DE VOY & SON, POUGHKEEPSIE, N. Y.

Mention The Review when you write.

The Fumigating Kind Tobacco Powder

All That Use It Say—"THERE IS ONLY ONE."

MAMARONECK, N. Y.
I tried the 5 lb. trial package of **The Fumigating Kind Tobacco Powder** in two of my houses one night and the following night I gave a 60-foot house a thorough smoking. Result: I would like you to send me 100 lbs. of the Fumigating Kind. W. H. DANIELS.

MAYWOOD, ILL.
The Fumigating Kind Tobacco Powder is great stuff; it keeps one's houses clean as a sheet. I can heartily recommend it. ALBERT F. AMLING.

A FREE trial five-pound bag will cost you nothing more than the express charges on it. The trial bag will prove our assertion that it is the most effective, cleanest and quickest as well as the cheapest (10 cents per 100-foot house) article to fumigate with. All aphis killed in one night—our booklet tells of it; we mail one on request.

THE H. A. STOOTHOFF COMPANY, Tobacco Powder Hobbyists, 116, 117, 118 West St., New York

Mention The Review when you write.

EXPANSION TANK.

I expect to build two houses 18x80 to be heated by water in 4-inch cast-iron pipes. Can I dispense with the expansion tanks at the far ends of the houses and have one large tank over the boiler on the main flow? Are eight runs of 4-inch pipes enough for a house for roses and six pipes enough for carnations under weather conditions in Kentucky? I have a No. 15 Hitchings boiler. J. J. C.

Yes, you can dispense with the open expansion tank at the far end of the house. Instead of a large tank connected with the main flow it would be better to connect the expansion tank with the main return near the boiler. A 1-inch pipe tapped into the main return near the boiler and carried eight or ten feet above into a 50-gallon tank should provide ample expansion for the system. Eight runs of 4-inch cast-iron pipe should be ample for the rose house if the boiler has capacity to maintain water at 180 degrees. Six runs under the same conditions should be ample for the carnation house. L. C. C.

TOO FEW PIPES.

We have a new and well built house 25x60 feet and thirteen feet to ridge heating with a Gorton No. 212½ boiler set in a pit and burning egg coal. On each side of the house there are five rows of 2-inch pipe, also the center aisle has two rows under benches, two rows each side of the walk. In the recent cold weather in New York we could only keep 45 degrees at night. What is wrong? M. O'C.

If the house you mention, 25x60 feet, contains fourteen runs of 2-inch pipe, or in all 840 feet, it lacks 120 feet, or two runs, of having sufficient piping to maintain a temperature of 60 degrees during cold weather with hot water at 180 degrees. It is not quite clear whether the house contains fourteen or sixteen runs of pipe. The boiler should have a capacity sufficient to supply about 800 feet of radiation, although the sixteen runs of 2-inch pipe will only provide about 600 feet of radiation. L. C. C.

PULVERIZED SheepManure

DRIED AND GROUND.
Mixes immediately with the soil.
For prices apply to
NATURAL GUANO COMPANY
AURORA, ILL.

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Pumping Engines
FOR
Florists and Gardeners
They use gas or gasoline for fuel.
THE STANDARD PUMP AND ENGINE CO.,
CLEVELAND, - OHIO.



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Wired Toothpicks

Manufactured by
W. J. COWEE, BERLIN, N. Y.
10,000....$1.50; 50,000... $6.25. Sample free
For sale by dealers.
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For Sale, Greenhouse Material

milled strictly of Louisiana Cypress. And will cut and splice to order. Hotbed sash a specialty. Try V. E. Reich's Oxford Putty specially made for greenhouse purposes. Estimates freely furnished for greenhouse and hotbed glass.

V. E. REICH, 1429 Metropolitan Ave. **Brooklyn, N. Y.**
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CEMENT BENCHES
NIAGARA CEMENT & CONCRETE CO.
North Tonawanda, N. Y.

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We want room and for every order you send the Cash with before March 1, 1905, you may deduct 10 per cent on the following Ferns. **Satisfaction Guaranteed.**

Boston Ferns

We quote Fine No. 1 Stock. We want to call your attention to our prices on Ferns. Finest stock. We would like a trial order and will guarantee to please you. **Boston,** per 100—2½-in., $4; 3-in., $8; 4-in., $15; 5-in., $25; 6-in., $40. Each—8-in., $1 to $1.50; 10-in., $1.50 to $2.50. **Piersoni,** per 100—2½-in., $5; 3-in., $12.50; 4-in., $20; 4-in., $35. Each—6-in., 75c to $1; specimen plants, $1.50, $2.50, $3.50 and $5. **FINE ASPARAGUS—Plumosus,** per 100—2-in., $3.50 to $5; 3-in., $5 to $8; 4-in., $15; 5-in., $25. **Sprengeri,** per 100—2-in., $2.50 to $3.50; 3-in., $3.30 to $5; 4-in., $10; 5-in., $25.

In sending for samples of any stock you want to buy, send 50c or $1.00; then you get enough to show you the quality of stock.

GEO. A. KUHL, PEKIN, ILL.
Mention The Review when you write.

NEW PRICE LIST ON
Pyramid KAISER KRONEN Standard
Bay Trees
Orders booked now.
JULIUS ROEHRS CO. Exotic Nurseries, Rutherford, N. J.
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...PANSIES...

London Prize Show Flowers, exquisite colors, large transplanted plants from cool houses, 50c per 100 by mail: $3.00 per 1000 by express.

Obconica—3-inch	per 100,	$3.00
" 4-inch	"	5.00
Asparagus Sprengeri—4-inch.	"	5.00
" **Plumosus**—4-inch.	"	6.00

C. WHITTON, - UTICA, N. Y.
Mention The Review when you write.

	Per 100
RUDBECKIA Extra choice, large clumps	$5.00
ASPARAGUS SPRENGERI, Extra quality, 2½-in. pots	2.00
ASPARAGUS PLUMOSUS, Extra quality, 2¼-in. pots	2.50
ASPARAGUS PLUMOSUS, Extra quality, 3-in. pots	4.00

Above prices cash with order.
JOHN BROD, Niles Center, Illinois
Mention The Review when you write.

Automatic Greenhouse VENTILATORS
From $25.00 up. Send for circular.
The Safety Automatic Ventilator and Heat Regulator Co, Lake George, N. Y.
Mention The Review when you write.

PEERLESS SULPHUR BLOWER.
"A great improvement over the bellows."
Price, $4.00 F. O. B. Chicago.
McMORRAN & CO., 15-21 N. Clinton St., **CHICAGO, ILL.**
Mention The Review when you write.



TO-BAK-INE

FUMIGATING POWDER.

This powder contains a definite amount of nicotine and will be found uniform at all times. Slow burning. Sure death to Aphis.

TO-BAK-INE FUMIGATING POWDER has kept down all signs of Aphis in carnation and rose houses. It leaves no odor on the flowers and has not in the slightest hurt either flower or foliage on the roses, as does burning tobacco stems.—WILLIAM SCOTT, Buffalo.

WE FIND TO-BAK-INE FUMIGATING POWDER very satisfactory. We would like 100 lbs. shipped at once.—ARLIN & ARLIN, Clyde, Ohio.

TO-BAK-INE FUMIGATING POWDER killed the black fly on the chrysanthemums.—GEO. A. RACKHAM, Detroit.

50-lb. BAG, $1.50 100-lb. BAG, $3.00

Send for our booklet "WORDS OF WISDOM," by Leading Growers, containing full directions as to exterminating all greenhouse pests.

E. H. HUNT, 76-78 Wabash Ave., CHICAGO, ILL.

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EASTER PLANTS!

Easter plants a specialty. These are the lowest prices. For three weeks only. All plants showing buds and can be forced into bloom at once or can be kept back for Easter.

SPIRAEA compacta floribunda or Japonica, all large plants, 6-inch pots, $2.00 per doz. Gladstone, $3.00, $4.00 and $5.00 per dozen.

AZALEA Indica. 1500 Mme. Van der Cruyssen, all are as round as an apple, full of buds, best pink azalea known, 60c, 75c, $1.00, $1.25 to $1.50 each. Other leading varieties, all sorts, 60c, 75c to $1.00 each.

HYDRANGEA Otaksa, 6-inch pots, $3.00 to $4.00 per dozen; 7-inch, 50c to 75c.

CINERARIA hybrida, best strain, 6-inch pots, $2.00 per doz.; 5-inch $1.00 per doz.

LILIUM HARRISII and Japan multiflorum, 10c per bud, from 3 buds up. White daisies, or **MARGUERITES**, 6-inch pots, $2.00 per doz. **BEGONIA** President Carnot, Flambeau and others, 6-inch, $2.50 per doz. **AMERICAN BEAUTY** roses, 6-inch, strong, 40c; 5-inch, 25c. Kaiserin and Bride, Jacqneminot, Hermosa and others, 5½-inch, 25c each. **HYACINTHS**, all shades, my own importation, first size, $10.00 per 100. **VON SION** double nosed daffodils, 6-inch pots, 3 in a pot, $2.00 per doz. Tournesol double tulips, 4-inch pots, 3 in a pot, $1.50 doz. **ARAUCARIA EXCELSA**, 7-inch pots, 5 to 6 tiers, 30 to 35 inches high, $1.50 each. **FICUS ELASTICA**, 6-inch pots, 25 to 30 inches high, 50c; 7-inch, 75c.

I make a specialty of the well-known A. Smith Hybrid Moonvines, best pure white moonvine in existence. Price, 2½-inch pots, $5.00 per 100.

Godfrey Aschmann, Wholesale Grower and Importer of Pot Plants.

1012 Ontario St., PHILADELPHIA, PA.

Bell Phone Tioga 3669A.

Mention The Review when you write.

Bedding Plants

Cash with order.

	Per 1000	Per 100 2¼-in. Exp.	Per 100 R. C. Mail
Ageratums			$0.60
50,000 Alternantheras, red, yellow, R. C.	$ 5.00	$15.00	.65
Alyssum, double sweet		2.00	1.00
Boston Ferns, 5-inch.....25 cts.,		3.00	
Coleus, in variety			.60
Feverfew, Little Gem	15.00	2.00	1.00
Forget-me-nots		2.00	1.00
Fuchsia, 6 named varieties		2.50	1.00
25,000 Geraniums, Nutt and 20 other varieties		2.50	1.50
15,000 Geraniums, Mme. Salleroi.		2.00	1.00
Marguerite, Etoile de Or, yellow.			1.00
" Mme. Lailbert, white			1.00
Petunias, double fringed, white.		2.50	1.50
Pansies, Florists' International, in bud and bloom	15.00		2.00
Salvia, 4 named varieties		2.00	1.00
Verbenas, in colors from flats...			.60

LUDVIG MOSBAEK, Onarga, Ill.

Mention The Review when you write.

CHAS. GAY

Has Big Boston, Boston Market, Grand Rapids, Denver Market and Black Seeded Simpson Lettuce Plants, at 30c per 100; $1.00 per 1000. Prepaid.

DES MOINES, IOWA.

Mention The Review when you write.

Attention Brother Florists==Fall in Line

Order Your Stock From D. U. Augspurger & Sons

We are shipping stock to all parts of the United States and Canada. Why not to you? Our stock is as good as the best.

We must have room and money, therefore offer the following for a limited time at cut prices. Stock is fine. Try a sample order.

	Per doz.	Per 100
2½-in. Boston Ferns		$3 50
3 " " "	$1.00	7.00
4 " " "	1.75	12.00
6 " " "	4.80	
7 " " "	7.00	
2 " Asparagus Plumosus Nanus		3.00
3 " " " "	1.00	7.00
2 " " Sprengeri		2.00
Asparagus Plumosus Nanus seed, 75c per 100; $4.50 per 1000; 5000 for $20.00.		
Rooted Cuttings Double Petunias very fine varieties		1.50
Rooted Cuttings of Coleus, red or yellow		.70

	Per 100
Rooted Cuttings, Salvias	$1.50
" " Heliotropes	1.25
Caladium Esculentum bulbs, extra fine, 10 to 12-inch	8.00
Tuberose Bulbs, Dwarf Excelsior Pearl, largest size	1.00
Larger quantities less.	
Wire Baskets, well made, 8-in., 10-in., 12-in. at $1.00, $1.50 and $2 00 per dozen.	
Sheep Manure, per 100 lbs. $1.00.	
Sphagnum Moss, per bale $1.00, write for prices on larger quantities.	

We will take a few good 2-in. S. A. Nutt and Double Gen. Grant Geraniums and some good varieties of Cannas in part exchange.

We can also supply you with the best the market affords in Rubber Hose, Cut Flower Boxes, etc. **Give us a Trial Order.**

Terms cash or satisfactory references. 5 per cent discount for cash with order.

D. U. AUGSPURGER & SONS, P. O. BOX 778 PEORIA, ILL.

Mention The Review when you write.

25000 Ten Weeks STOCKS. White Cut and Come Again and Blood Red, transplanted plants with 6 to 8 leaves, 75c per 100; $7.00 per 1000. **Rooted Cuttings**—Heliotropes, 75c per 100; $7.00 per 1000. Coleus, 10 varieties; 65c per 100; $6 00 per 1000. Vinca Var., $1.00 per 100; $8.00 per 1000. Feverfew, 75c per 100; $7.00 per 1000. Marguerites, yellow and white, 75c per 100; $7.00 per 1000. Alyssum, 75c per 100. Alternantheras, red and yellow, fine plants, will make 10 or more cuttings to the plant, at $3.00 per 100. Cash please.

Converse Greenhouses, Webster, Mass.

100,000 Alternantheras

RED AND YELLOW

Strong rooted cuttings, 50c. per 100 or $4.00 per 1000; in lots of 5000 or over, $3.50 per 1000.

DAVIS BROS., Morrison, Illinois

Mention The Review when you write.

LORRAINE BEGONIAS

Fine thrifty stock from 2-inch pots. June and July delivery, from leaf cuttings, only $12.00 per 100. Order now.

AUG. JABLONSKY, WELLSTON, ST. LOUIS, MO.

Mention The Review when you write.

FEVERFEW

—FOR—

Decoration Day

Fine stuff in 2½-inch pots, $3 per 100. Cash with order.

S. J. GODDARD

FRAMINGHAM, MASS.

Mention The Review when you write.

ORCHIDS

Arrived in fine condition, Cattleya Mendelli, Dendrobium Wardianum, Laelia Anceps and Oncidium Tigrinum unguiculatum. We also offer fine well grown bulbs of Calanthe Veitchii.

Lager & Hurrell, Growers and Importers... **Summit, N. J.**

Mention The Review when you write.

CLASSIFIED PLANT ADVERTISEMENTS.

Rates for advertisements under this head, 10 cents a line net, per insertion. New advs. and changes must reach us by Wednesday morning at latest to secure proper classification in issue of Thursday.

ABUTILONS.

Abutilon Savitzii, 2¼-in. pots, $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

AGERATUMS.

Ageratum Stella Gurney; rooted cuttings, 60c 100; $5.00 1000. Cash, please. No orders filled for less than $1.00.
Critchell's, Avondale, Cincinnati, Ohio.

Ageratums Princess Pauline and Stella Gurney, rooted cuttings, 75c 100; $6.00 1000.
Frank A. Pierson, Cromwell, Conn.

Ageratum rooted cuttings, 4 var., 60c 100; $5.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Ageratum, dwarf white and blue; R. C., 75c 100; 2-in., $2.00 100. Cash.
D. W. Brainard, Thompsonville, Conn.

Ageratums, Stella Gurney and dwarf white, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Princess Pauline, rooted cuttings, 50c 100; prepaid. Hopkins & Hopkins, Chepachet, R. I.

Rooted cuttings of ageratums, dwf. blue, 60c 100. S. Whitton, 15-17 Gray Ave., Utica, N. Y.

ALTERNANTHERAS.

Alternantheras, fresh rooted cuttings, only the best red and yellow, 60c 100, $5.00 1000. Brilliantissima, $2.00 100. J. Chr. Frasch, Erie and Kensington Aves., Philadelphia, Pa.

Alternantheras, well-rooted, bushy plants. Red, yellow, and rosea, 50c per 100, $4.00 per 1000; 2000 for $7.00. Cash.
C. G. Nanz, Owensboro, Ky.

Alternantheras, red and yellow; strong rooted cuttings, 50c 100; $4.00 1000; in lots of 5000 or over, $3.50 1000.
Davis Bros., Morrison, Ill.

Alternantheras, red and yellow, fine plants, will make 10 or more cuttings, $3.00 100. Cash. Converse Greenhouses, Webster, Mass.

Alternantheras, red and yellow, propagated last fall, as good as from 2-in. pots, $1.00 per 100. Cash. N. P. Colberg, Morris, Ill.

Alternantheras, red and yellow; strong, R. C. 50c per 100, $4.00 per 1000. Cash. Prepaid.
Byer Bros., Chambersburg, Pa.

Alternantheras, red and yellow, in variety, 2¼-in., $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Alternantheras, red and yellow, ready March 1, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, Ohio.

ALYSSUM.

Sweet alyssum Double Giant, the result of 20 yrs. selection; the best ever seen; rooted cuttings, strong, $1.50 per 100. Cash.
N. P. Colberg, Morris, Ill.

Giant alyssum rooted cuttings, $1.00 100; $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Alyssum, dwarf and giant double, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Alyssum Giant, 2-in., 2c; R. C., ¾c, mail. Cash. Byer Floral Co., Shippensburg, Pa.

ANTIRRHINUM.

Antirrhinum SNAPDRAGON, giant pink, white and yellow. Write us about it.
John Breitmeyer's Sons, Detroit, Mich.

ARAUCARIAS.

Araucaria excelsa, extra strong plants, 2¼-in. pots, 2 and 3 tiers, 6 to 8 inches high, $16.00 100.
F. Ludemann, Baker St., San Francisco, Cal.

ASPARAGUS.

Fine Asparagus plumosus. Per 100: 2-in., $3.50 to $5.00; 3-in., $5.00 to $8.00; 4-in., $15.00; 5-in., $25.00. Sprengeri. Per 100: 2-in, $2.50 to $3.50; 3-in., $3.30 to $5.00; 4-in., $10.00; 5-in., $25.00. 10% from above prices where cash is with the order.
Geo. A. Kuhl, Pekin, Ill.

3000 Asparagus plumosus nanus, strong transplanted plants from lath house, ready for 4 and 5-in. pots, $6.00 per 100; $50.00 per 1000; these are good, strong, heavily rooted plants.
E. R. Meserve, Burnett, Cal.

Plumosus and Sprengeri, 2-in., $2.00 100.
Iowa Seed Co., Des Moines, Iowa.

Asparagus plumosus nanus. To close out will sell the 2½-in. for $2.25 per 100; 3-in., $3.50 per 100. These are extra value; must clean them out to make room.
W. A. Wettlin, Hornellsville, N. Y.

Asparagus plumosus nanus, 2-in., $3.00 100; 3-in., $1.00 doz., $7.00 100. Sprengeri, 2-in., $2.00 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Asparagus plumosus, very strong, 4-in., $10.00 100, fine stuff, ready to retail at 25c each. Sprengeri, 4-in., choice, $8.00 100.
W. H. Gullett & Sons, Lincoln, Ill.

Asparagus Sprengeri, extra quality, 2½-in., $2.00 100. A. plumosus, extra quality, 2¼-in., $2.50 100; 3-in., $4.00.
John Brod, Niles Center, Ill.

Asparagus plumosus, 2¼-in., $2.50; 3-in., $4.00. Sprengeri, 2¼-in., $2.00. Fine and pot-bound ready to shift.
S. M. Harbison, Danville, Ky.

Asparagus plumosus, 2000 2½-in., $3.00 100; $25.00 1000. Plumosus seed, home-grown, 60c 100; $5.00 1000. Faber Bros., Kankakee, Ill.

Asparagus plumosus nanus, flats, ready for 3-in., $2.00 100; 3-in., $3.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Asparagus plumosus, 3-in., $6.00 per 100. A. Sprengeri, 4-in., $10.00 per 100.
Crown Point Floral Co., Crown Point, Ind.

A. plumosus nanus, No. 1, 3-in., very fine, 4c; Sprengeri, 2-in., 1¾c. Cash.
Byer Bros., Chambersburg, Pa.

Asparagus Sprengeri, strong, ready to shift, 2-in., $2.00 100; $18.00 1000.
Dean Ferris, Peekskill, N. Y.

Asparagus plumosus, fine plants, ready for 3-in. pots, $2.50 100.
The Nunnally Co., Atlanta, Ga.

ASPARAGUS PLUMOSUS NANUS.
Cut strings, 50 cents each.
W. H. ELLIOTT, BRIGHTON, MASS.

2000 Asparagus plumosus, 3-in., strong, $5.00 per 100. Maurice J. Brinton, Christiana, Pa.

Asparagus Sprengeri, 4-in., $5.00 100. Plumosus, 4-in., $6.00 100. C. Whitton, Utica, N. Y.

Asparagus plumosus nanus, small plants, $1.75 100. Cash. Jos. H. Cunningham, Delaware, O.

Asparagus Sprengeri, strong, 2¼x3¼-in., $1.75 100. W. A. Chalfant, Springfield, Mo.

Asparagus plumosus nanus, 4-in., $10.00 100.
L. H. Foster, Dorchester, Mass.

Asparagus Sprengeri, fine, 2½-in., $2.00 100.
A. J. Baldwin, Newark, Ohio.

ASPIDISTRAS.

ASPIDISTRA LURIDA. Strong plants of the green-leaved variety, 5-inch pots, 8 to 10 leaves, 50c each, $5.00 per doz., $40.00 per 100.
H. A. Dreer, Philadelphia, Pa.

BUSINESS BRINGERS—
Review
Classified Advs.

AUCUBAS.

AUCUBA JAPONICA, a most useful hardy decorative plant. Well-shaped, bushy specimens.

	Each.	Doz.
12 inches high	30c	$3.00
18 to 20 inches high	40c	4.50
24 inches high	60c	7.00

Fine large specimens, 36 to 48 inches high, $3.00 each. H. A. Dreer, Philadelphia, Pa.

AZALEAS.

Azalea mollis, well budded, $35.00 100 and up; standards, $75.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

BAY TREES.

New price list on pyramid, Kaiser Kronen, and standard bay trees. Orders booked now.
Julius Roehrs Co., Rutherford, N. J.

BEGONIAS.

Begonia Rex, several of the best varieties, 2-in., ready for 3s, $4.00 per 100. Manicata aurea, 2-in., $4.00; 2½-in., $5.00 per 100.
N. O. Caswell, Delavan, Ill.

Lorraine begonias, fine thrifty stock from 2-in. pots, June and July delivery, $12.00 100. Order now.
A. Jablonsky, Wellston, St. Louis, Mo.

Tuberous begonias—30 bulbs for $1.00, postpaid. See offer in Feb. 9 issue.
N. Le Page, Mt. Vernon, N. Y.

BOX TREES.

PYRAMIDS, 36 inches high, 16 to 18 inches in diameter, $2.00 each; 48 inches high, 24 inches in diameter, $3.50 each.
STANDARD or TREE SHAPED, stems 16 to 18 inches high, crowns 16 to 18 inches, $1.25 each; stems 36 inches high, crowns 16 to 18 inches, $2.00 each.
H. A. DREER, Philadelphia, Pa.

Dwarf box, 7 to 9 inches high, $6.00 to $8.00 per 100. Nicely shaped stock.
Joel Thomas, Florist, Fitzgerald, Ga.

BOXWOOD.

Boxwood pyramids, 4 ft. and over, $200.00 100; 3 ft. and over, $150.00 100; 1 ft. and up, $25 100. F. W. O. Schmitz, Prince Bay, N. Y.

BULBS.

BULBS and ROOTS.
Gladioli, a million bulbs, 50c per 1000 and upwards; choice named sorts, $6.00 to $20.00 per 1000; Groff's hybrids, $1.00 to $10.00 per 1000; Childsii, Lemoine's hybrids, etc.
Single tiger lily, $20.00 per 1000. Iris Kaempferi, 40 choice sorts, $5.00 per 100. Hardy moon-vine, $3.00 per 100. Spiraea lobata, $3.00 per 100. Iamene calathina, $1.50 to $5.00 per 100. Madeira vine, $3.00 to $8.00 per 1000. Complete price list now ready.
E. Y. TEAS, Centerville, Ind.

Now is the time to plant lily bulbs for forcing for Decoration day. We have in cold storage and offer at low price the following:

		Case.	Per case.	1000
7 to 9	multiflorum	300	$14.00	$37.50
9 to 10	"	200	17.50	75.00
7 to 9	regular	300	14.00	37.50
9 to 10	"	200	17.50	75.00
7 to 10	giganteum	300	20.00	57.50

E. H. Hunt, 76 Wabash Ave., Chicago.

Caladium esculentums, No. 3, $1.50 100; $12.00 1000; No. 2, $3.00 100; $22.50 1000; No. 1, $5.00 100; $45.00 1000. Tuberoses, Excelsior Pearl, No. 1, $7.00 1000.
F. W. O. Schmitz, Prince Bay, N. Y.

Caladium esculentums, 7x9, $3.25 100; 9x11, $5.25 100. Tuberoses, Pearl, 3x4, $3.25 1000; 4x6, $7.50 1000. Order quickly. No orders taken after March 1. Tony Toerner, Scio, O.

Bulbs for early planting. Begonias, cannas, dahlias, gladioli, gloxinias, tuberoses. We have a complete stock and all is of the best.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Bermuda Harrisii bulbs, the SEMPER IDEM brand. I am booking orders for July and August delivery. Prices on application.
Chas. A. V. Frith, Hamilton, Bermuda.

Freesias, Grand Duchess Oxalis, Bermuda Buttercup and other flowering bulbs. Write for catalogue.
Rees & Compere, Long Beach, Cal.

All spring bulbs now ready. Our bulbs are always reliable. Wholesale catalogue for the asking.
Arthur T. Boddington, 342 West 14th St., N. Y.

Caladium esculentum, extra fine, 10 to 12-in., $8.00 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Dwarf Pearl and variegated tuberoses, Caladium esculentums, all sizes. Write us.
The H. E. Newbury Co., Magnolia, N. C.

Excelsior dwarf double Pearl tuberoses, 4 to 6 inches, 85c 100; $7.50 1000.
Johnson & Stokes, 217-219 Market St., Phila.

Fancy-leaved caladium bulbs, price 75c per dozen. Albert Buckwell, Woodbridge, Fla.

Dwarf Excelsior Pearl, largest size, $1.00 100. D. U. Augspurger & Sons, Peoria, Ill.

D. Rusconi, importer of bulbs, plants and shrubbery, 32 West 6th St., Cincinnati, O.

CANNAS.

CANNAS. Don't fail to give trial to our three St. Louis Exposition cannas, which we believe to be three of the best varieties for massing now in cultivation.
JEAN TISSOT—Intense vermilion, orange-scarlet shadings, 20c each, $2.00 per doz. $15.00 per 100.
PRESIDENT MEYER—Rich cherry carmine of intense size, 20c each, $2.00 per doz., $15.00 per 100.
ROBIN—Ruby carmine, dark bronze foliage, 15c each, $1.50 per doz., $10.00 per 100.
H. A. DREER, Philadelphia, Pa.

Cannas 2 to 3 eyes, Egandale, Harum, Berat, Giant Crimson, Queen Charlotte, Kate Gray, Marlborough, $1.50 per 100; Alemannia and Burbank, $1.25 per 100.
J. Sanstrom, Momence, Ill.

Cannas. Burbank's Yellow, Crozy, Henderson, Florence Vaughan, Bronze Leaved, very strong, 1, 2 and 3 eyes, $1.00 per 100. Cash.
N. P. Colberg, Morris, Ill.

Cannas, 25,000, all good sorts. Send for names and prices. I will give you a bargain in 1000 lots. C. G. Nanz, Owensboro, Ky.

Cannas, extra fine, plump bulbs, fine varieties, $1.25 100; $10.00 1000.
A. J. Baldwin, Newark, Ohio.

Cannas, 10 varieties, 3-in. pots, $4.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Cannas in variety, $7.50 1000 and up.
F. W. O. Schmitz, Prince Bay, N. Y.

CARNATIONS.

Rooted carnation cuttings. We offer first-class stock of the finest varieties.

Variegated Lawson, pure ivory white with delicate carmine pencilings; it is the best variegated, $12.00 100; $100.00 1000.

Red Lawson, a bright red sport of Lawson, $10.00 100; $75.00 1000.

White Lawson, which we consider to be the best white ever sent out, $7.00 100; $60.00 1000.

Victory, the real bread and butter scarlet, for which we are now booking orders for December delivery. Orders filled in strict rotation as received. Price, $12.00 100, $100.00 1000. Also,

	100	1000		100	1000
Cardinal	$12.00	$100	Bountiful	$6.00	$50
Fiancee	12.00	100	Daheim	6.00	50
F. Burki	12.00	100	Mrs. Patten	6.00	50
Enchant	4.00	30	Mrs. Lawson	3.00	20
Prosperity	3.00	20			

F. R. Pierson Co., Tarrytown, N. Y.

ROOTED CARNATION CUTTINGS.

	100	1000		100	1000
Variegated			White		
Prosperity	$2.50	$20	May Naylor	$2.50	$20
Mrs. Patten	6.00	..	Queen	2.50	20
Hinsdale	4.00	..	Q. Louise	2.00	15
Crimson			Wolcott	2.00	15
Harlowarden	2.50	20	B. Market	2.00	15
Octoroon	4.00	..	Pink		
H. Fenn	2.50	20	Enchantress	3.50	30
Scarlet			Lawson	2.00	15
Flamingo	6.00	..	Fairmaid	2.00	15
Gov. Bliss	2.50	20	N. Fisher	6.00	..
Crane	2.00	15			

Pot-grown carnations, 2-in. stock. Lawson, Queen Louise, Prosperity, $4.00 100, $30.00 1000; Harlowarden, $5.00 100, $40.00 1000; Enchantress, $6.00 100, $50.00 1000.
S. S. Pennock, Philadelphia, Pa.

VICTORY, to be disseminated in 1906, is a true and brilliant scarlet, has a grand stem, does not burst, is never off crop, and is the best shipper and keeper ever introduced. Price: $12.00 100; $100.00 1000; 250 at 1000 rate.

Strong rooted cuttings of the following:

	100		100
White Lawson	$6.00	Harry Fenn	$2.50
Nelson Fisher	6.00	Goethe	2.50
Mrs. Patten	6.00	Lord	2.50
Enchantress	3.00	Manley	3.00
Prosperity	3.00	Maceo	1.50
The Belle	6.00	Cervera	2.00
Lady Bountiful	6.00	Lawson	2.00

Send your order early, and if you send cash with the order you may deduct 5%.
Alex. J. Guttman, 52 West 29th St., N. Y.

Rooted carnation cuttings, clean and healthy.

	100	1000		100	1000
Crisis	$12.00	$100	Dorothy	$1.25	$10
Enchantress	3.00	25	Wm. Scott	1.25	10
Mrs. Lawson	2.00	15	Q. Louise	1.25	10
Adonis	2.50	20	Floriana	1.25	10
H. Fenn	2.00	15	Lorna	1.25	10
Roosevelt	1.50	12	Eldorado	1.25	10
Mrs. Palmer	1.25	10	Mrs. Joost	1.25	10
The Queen	2.50	20	Flora Hill	1.25	10
Mrs. Nelson	1.50	12	Portia	1.25	10
White Cloud	1.50	12	Mrs. Patten	6.00	..
J. Hinsdale	4.00	..	Flamingo	6.00	..
L. Bountiful	5.00	..	D. Whitney	3.00	..
G. Beauty	3.00	..	Buttercup	3.00	..
Prosperity	2.00	..	Mrs. Manley	2.50	..

J. L. Dillon, Bloomsburg, Pa.

Rooted carnation cuttings.

	100	1000		100	1000
L. Bountiful	$6.00	$50	Nelson	$3.00	$25.00
The Belle	6.00	50	H. Fenn	2.50	20.00
N. Fisher	6.00	50	G. Wolcott	2.50	20.00
Flamingo	6.00	50	Adonis	2.50	20.00
Mrs. Patten	6.00	50	Lawson	2.00	17.50
Enchantress	3.50	30	W. Cloud	1.50	12.50
Prosperity	3.00	25	M. Glory	1.50	12.50
Manley	3.00	25	Joost	1.25	10.00
B. Market	3.00	25			

500 at 1000 rate.
W. J. & M. S. Vesey, Fort Wayne, Ind.

ROOTED CARNATION CUTTINGS.

	100	1000		100	1000
Flamingo	$6.00	$50.00	Lawson	$1.50	$12.50
The Belle	5.00	45.00	M. Glory	1.50	12.50
Crusader	5.00	45.00	H'inbotham	1.00	9.00
Indian'polis	5.00	45.00	Hill	1.00	9.00
Ench'tress	3.00	25.00	O. Louise	1.00	9.00
B. Market	2.50	20.00	Peru	1.00	9.00
Nelson	1.50	12.50	G. Angel	1.00	9.00
Joost	1.50	12.50	Adonis	2.50	20.00

RICHMOND GEM, $10.00 100; $75.00 1000.
All cuttings sold under condition that if not satisfactory they may be returned.
P. REINBERG, 51 Wabash Ave., Chicago.

Carnation rooted cuttings, ready now. Clean, healthy stock, well rooted.

	Light pink 100	1000		Red 100	1000
G. B'uty	$12.00	$100.00	Crusader	$5.00	$45.00
Enc'tress	3.00	25.00	Estelle	2.50	20.00
H'nboth'm	1.00	9.00	Mrs. Ine	1.50	12.50
White			Flamingo	5.50	45.00
B. Market	2.50	20.00	Pink		
Peru	1.00	9.00	Lawson	1.50	12.50
W. Cloud	1.50	12.50	Nelson	1.50	12.50
Q. Louise	1.00	9.00	G. Angel	1.00	9.00
F. Hill	1.00	9.00	Mrs. Joost	1.25	10.00
Variegated			G. Lord	1.25	10.00
Patten	5.50	45.00			

Geo. Reinberg, 51 Wabash Ave., Chicago.

Rooted carnation cuttings now ready.

	100	1000		100	1000
Ethel Ward	$7	$60	The President	$7	$60
White Lawson	7	60	Enchantress	4	30
Christmas Eve	4	30	Golden Eagle	5	40
Harry Fenn	3	25	Lawson	3	25
Prosperity	2	15	Mackinac	6	50
The Belle	6	50	Lady Bountiful	6	50
Judge Hinsdale	6	50	Mrs. Patten	6	50
N. Fisher	6	50	Octoroon	6	50
Flamingo	6	50			

50 of a kind at 100 rate; 250 of a kind at 1000 rate.
Cottage Gardens Co., Inc., Queens, N. Y.

Carnation cuttings well rooted, ready now or orders booked for future delivery; clean, healthy stock. Per 100:

Enchantress	$3.50	Boston Market	$3.00
Lawson	2.50	Queen	2.50
Prosperity	3.50	Queen Louise	2.00
Harlowarden	3.00	Mrs. G. M. Bradt	2.50
Roosevelt	2.00	Eldorado	2.00
Joost	2.00	Daybreak	2.00

From 2-inch pots.

Enchantress	$7.00	Lawson	$6.00

Cash with order.
M. J. Lynch, Poughkeepsie, N. Y.

The new scarlet seedling ROBERT CRAIG, the ideal Christmas carnation. Prices: $2.50 doz., $12.00 100, $100.00 1000. 2500 lots, $95.00 1000; 5000 lots, $90.00 1000; 10,000 lots or more, $80.00 1000. First delivery, Dec. 1, 1905.

The new white seedling LIEUT. PEARY, commences blooming Oct. 15 and flowers continuously through the winter. A first-class commercial variety in every respect. Prices: $12.00 100; $100.00 1000.

Send orders early to
Cottage Gardens Co., Inc., Queens, N. Y.

ROOTED CARNATION CUTTINGS.
All orders filled in rotation.

	100		100
Mrs. Patten, var.	$6.00	Queen, white	$2.50
White Lawson	5.00	B. Market, white	3.00
Albatross, white	5.00	Queen Louise	2.00
Flamingo, scarlet	6.00	Lawson	2.00
Enchantress	3.00	Manley, scarlet	2.00
Challenger	2.00		

Write for prices on large lots; 5 per cent discount for cash with order.
James D. Cockcroft, Northport, L. I., N. Y.

Rooted carnation cuttings. First-class stock.

Genevieve Lord	Apollo
Lawson	Morning Glory
Fair Maid	White Cloud
Mrs. Patten	Wolcott
Enchantress	Prosperity
Gen. Gomez	

We offer rooted cuttings of the above at lowest market rates. All first-class stock; cuttings carefully selected. Prices on application.
The J. M. Gasser Co., Euclid Ave., Cleveland, O.

Rooted carnation cuttings, healthy stock.

	100	1000		100	1000
N. Fisher	$5.00	$45	Mrs. Nelson	$5.00	$45
Flamingo	5.00	45	L. Bountiful	5.00	45
Mrs. Patten	5.00	45	B. Market	2.50	20
Harry Fenn	2.50	20	Queen	2.50	20
Wolcott	2.50	20	Glacier	1.00	9
Gomez	1.00	9	Floriana	1.00	9
Cervera	1.00	9			

Cash with order, please.
Hugo Book, Worcester, Mass.

Rooted carnation cuttings ready now. Fine healthy stock. Orders booked for future delivery.

	100	1000		100	1000
W. Lawson	$7.00	$60	Enchantress	$3.50	$30
Bountiful	6.00	50	Flamingo	6.00	..
Mrs. Patten	6.00	50	B. Market	2.50	20
N. Fisher	7.00	60	The Queen	2.50	20
Daheim	6.00	50	Mrs. Lawson	2.50	20

List of other varieties on application.
Wood Bros., Fishkill, N. Y.

Carnations, rooted cuttings now ready. Strong, healthy plants.

	100	1000		100	1000
Wolcott	$1.50	$12.50	W. Cloud	$1.50	$12.50
Norway	1.50	12.50	Mrs Lawson	1.50	12.50
M. Glory	1.50	12.50	Joost	1.50	12.50
Crusader	5.00	40.00	Enchant	3.00	25.00
Crane	1.50	12.50	America	1.50	12.50
Estelle	3.00	25.00	Gaiety	2.00	15.00
Prosperity	1.50	12.50	Flamingo	6.00	50.00

Bassett & Washburn, 76 Wabash Ave., Chicago.

Our specialty, in carnations, is UNROOTED CUTTINGS. We have the best varieties for business. Fair Maid, Mrs. Thos. W. Lawson, Boston Market, Queen, $10.00 per 1000; 250 or more at 1000 rate. Careful packing and prompt shipment. Cash, please.
STEPHEN CHASE, Nashua, N. H.

Strong, well-rooted carnation cuttings.

	1000		1000
Enchantress	$25.00	Flamingo	$40.00
Adonis	20.00	Lord	9.00
Angel	10.00	Estelle	15.00
Lawson	9.00	Mrs. Patten	40.00
Gov. Wolcott	10.00	Bradt	10.00
Flora Hill	9.00	Peru	8.00
B. Market	20.00	Q. Louise	7.00

Cash or C. O. D.
Sol. Garland, Des Plaines, Ill.

Carnation cuttings, strong and well-rooted.

Pink—	100	1000	White—	100	1000
N. Fisher	$6.00	..	Queen	$2.50	$20
Ethel Ward	4.00	..	Queen Louise	2.00	15
Enchantress	3.00	$25	B. Market	2.00	15
Lawson	2.00	15	Variegated—		
Fair Maid	2.00	15	J. Hinsdale	4.00	..
Crimson—			Prosperity	2.00	15
Harlowarden	2.50	20			

S. J. Reuter, Westerly, R. I.

A large stock of well-rooted carnation cuttings.

	100	1000		100	1000
Mrs. Lawson	$1.25	$10	Mrs. Ine	$1.50	$12
B. Market	2.00	15	Mrs. Nelson	1.50	12
Stella	2.00	15	Triumph	1.50	12
Harry Fenn	2.00	15	Flora Hill	1.00	9
Roosevelt	1.50	12	G. Angel	1.00	9
Estelle	2.50	20			

J. A. Budlong, 37 Randolph St., Chicago.

Rooted carnation cuttings from strictly first-class stock.

	100	1000		100	1000
Mrs. Patten	$6.00	$50	Queen	$2.50	$20
Flamingo	6.00	50	Fair Maid	2.50	20
Crusader	6.00	50	Harry Fenn	2.50	20
Enchantress	3.50	30	Manley	3.00	25

Express prepaid where cash accompanies the order. Satisfaction guaranteed.
GEO. E. BUXTON, Nashua, N. H.

Rooted carnation cuttings, ready now.
2000 Fair Maid, $10.00 per 1000.
6000 Boston Market, $10.00 per 1000.
2000 Queen Louise, $8.00 per 1000.
1000 Mrs. Roosevelt, $10.00 per 1000.
1000 Dexter Pierce (bright red), $10.00 per 1000.
Quidnick Greenhouses, J. H. Anthony, Prop., Anthony, R. I.

Rooted carnation cuttings. F. Joost, Glacier, Norway and F. Hill, $1.00 per 100; Lawson, Prosperity, Queen, $1.50 per 100; Daheim, White Lawson, Flamingo, $6.00 per 100. 2¼-in. pot plants, Joost, Glacier, Norway, and F. Hill, $2.50 per 100; $20.00 per 1000; Lawson, Prosperity and Queen, $3.00 per 100; $25.00 per 1000.
C. W. Reimers, Hite Ave., Louisville, Ky.

Rooted carnation cuttings.

	100	1000		100	1000
Q. Louise	$1.50	$12.50	Lawson	$2.00	$15.00
F. Joost	1.50	12.50	B. Market	2.00	15.00
Challenger	1.50	12.50	Prosperity	2.00	15.00
Fairmaid	2.00	15.00	H. Fenn	2.50	20.00
H'low'rden	2.50	20.00	Enchant	3.00	25.00
Mrs. Patten	5.00	45.00			

J. E. Beach, 2019 Park Ave., Bridgeport, Conn.

ROOTED CARNATION CUTTINGS.

	100	1000		100	1000
Lawson	$1.50	$12.50	G. Angel	$1.00	$ 9.00
Enchant	3.00	25.00	M. Glory	1.50	12.50
Higinb'th'm	1.25	10.00	Estelle	2.50	20.00
Chicago	2.00	15.00	Adonis	2.50	20.00
Flora Hill	1.00	9.00	W. Cloud	1.25	10.00
Her Majesty	1.50	12.50	Harlowar'n	2.00	15.00

Wietor Bros., 51 Wabash Ave., Chicago.

Carnation cuttings, now ready.

	100	1000		100	1000
Q. Louise	$1.00	$8	Lawson	$1.00	$10
F. Hill	1.00	8	America	1.00	8
Gov. Wolcott	1.00	8	Joost	1.00	8
White Cloud	1.00	8	Prosperity	1.00	8

Express prepaid. Unrooted cuttings at ½ above prices.
Loomis Carnation Co., Box 115, Loomis, Cal.

Carnation cuttings, well-rooted, from selected stock.

	100	1000		100	1000
Nelson Fisher	$7.00	$60	Enchantress	$4.00	$30
Mrs. Patten	6.00	50	H. Fenn	3.00	25
Flamingo	6.00	50	Manley	3.00	25
Crusader	6.00	50	Fair Maid	2.50	20
D. Whitney	5.00	40	Queen	3.00	25

Backer & Co., Billerica, Mass.

Richmond Gem, the finest scarlet on the market, $10.00 100; $40.00 500; $75.00 1000. Also

	100	1000		100	1000
Lawson	$1.50	$12.50	Joost	$1.25	10.00
Enchant	4.00	30.00	Marquis	1.25	10.00
B. Market	2.50	20.00	W. Cloud	1.50	12.50
Q. Louise	1.25	10.00	F. Hill	1.25	10.00
Prosperity	1.50	12.50	Estelle	2.00	15.00

W. C. Hill Floral Co., Streator, Ill.

Carnation cuttings, strong and well rooted.

	100	1000		100	1000
Enchantress	$2.50	$24	Wolcott	$2.00	$18
B. Market	2.00	18	Glacier	1.50	14
N. Fisher	5.00	..	Mrs. Lawson	1.50	14
Indianapolis	4.00	..	Prosperity	1.50	14
Estelle	2.00	18			

The W. T. Buckley Co., Springfield, Ill.

Variegated Lawson, sport of Mrs. Thos. W. Lawson. The flower is of the Mrs. M. A. Patten type and can barely be distinguished from it. Rooted cuttings, $12.00 100; $100.00 1000.
John Reimels, Woodhaven, L. I., N. Y.

CARNATIONS—Continued.

RED SPORT is the new bread and butter commercial red carnation. It will keep longer and travel farther than any other red carnation. Price: 12 for $1.50, 25 for $2.50, 50 for $4.00, all postpaid; $6.00 per 100, $50.00 per 1000, by express. We guarantee all cuttings to be well rooted and to arrive in good condition.
A. B. DAVIS & SON, Purcellville, Va.

Rooted carnation cuttings. Per 100:

Red Lawson	$8.00	Flora Hill	$1.25
Mrs. Lawson	1.25	Queen Louise	1.25
Enchantress	2.50	Marquis	1.25
Nelson	1.50	Joost	1.00

Cash with order or C. O. D.
F. G. Lewis, 519 Locust St., Lockport, N. Y.

Rooted carnation cuttings. Per 1000:

Crusader	$45.00	Lawson	$10.00
Enchantress	30.00	Lord	10.00
B. Market	20.00	Hill	10.00
Estelle	20.00	Scott	10.00
Nelson	20.00		

Des Plaines Floral Co., Des Plaines, Ill.

Rooted cuttings, per 100: Flamingo and Indianapolis, $5.00; Crusader, $6.00; Fairmaid, $1.75; B. Market, $2.00; Queen, $2.50; Enchantress, $3.00; Lawson, $1.35. B. Market and Fairmaid, unrooted, $1.00; for other varieties, write Otto Bourdy, Lowell, Mass.

Carnations. Harry Fenn, $2.00 per 100, $15.00 per 1000; Lawson and Q. Louise, $1.25 per 100, $10.00 per 1000; good, healthy rooted cuttings from 20,000 plants.
Hession, Clarkson St., near Utica Ave., Flatbush, Brooklyn, N. Y.

MY MARYLAND was the sensation of the Chicago exhibition. Easily outranks any other white. We are booking orders now for delivery January, 1906. Price: $2.50 doz.; $12.00 100; $100.00 1000. Write us for other new and standard varieties.
H. Weber & Sons, Oakland, Md.

Rooted carnation cuttings. Per 100:

Mrs. M. A. Patten	$5.00	D. Whitney	$4.00
Enchantress	4.00	White Cloud	1.50
Joost	1.50	Morning Glory	1.50
Gov. Wolcott	1.50	Queen Louise	1.50

Special price on large lots.
J. F. Ammann, Edwardsville, Ill.

Rooted carnation cuttings, fine healthy stock.

	100	1000		100	1000
Enchantress	$2.50	$30	Wolcott	$2.00	$15.00
Queen	2.50	20	Floriana	1.50	12.50
Lawson	2.00	15	Lord	1.25	10.00
Q. Louise	2.00	15			

Robt. C. Pye, Nyack, N. Y.

Rooted carnation cuttings, clean and healthy.

Mrs. M. A. Patten	$6	Enchantress	$3
Nelson Fisher	7	Wolcott	2
Boston Market	2	J. H. Manley	2
Maceo	2		

Sidney Littlefield, North Abington, Mass.

FRED BURKI is the ideal commercial white carnation. You will make no mistake by growing it. Price: $12.00 100, $100.00 1000; 250 at 1000 rate. Address S. S. Skidelsky, 824 No. 24th St., Philadelphia, Pa., or
John Murchie, Sharon, Pa.

Rooted carnation cuttings.

	100	1000		100	1000
W. Lawson	$6.00	$50	Flamingo	$6.00	$50
Enchantress	3.00	25	The Queen	2.50	20

The Cardinal, from 2-in. pots, $12.00 per 100.
Larchmont Nurseries, Larchmont, N. Y.

Rooted carnation cuttings, nice, clean stock. Enchantress, Nelson Fisher, M. A. Patten, Gov. Wolcott, Boston Market, White Cloud and Joost; also unrooted cuttings of last two varieties. Prices on application.
C. G. Velie & Son, Marlborough, N. Y.

STRONG ROOTED CUTTINGS. Per 1000:

Guardian Angel	$ 9.00	Mrs. Nelson	$12.00
Hill	9.00	Boston Market	15.00
Enchantress	25.00	Morning Glory	12.00

A. L. RANDALL CO., 19-21 Randolph St., Chicago.

Rooted cuttings of THE CARDINAL, $12.00 100; $100.00 1000; 250 at 1000 rate. Special price on quantity.
Chicago Carnation Co., Joliet, Ill.
E. G. Hill Co., Richmond, Ind.
S. S. Skidelsky, Philadelphia, Pa.

PALMER'S RED LAWSON, sport from the famous Mrs. Thos. Lawson. Planted May 18, in full crop middle of August. Rooted cuttings, $10.00 100; $40.00 500; $75.00 1000.
W. J. Palmer & Son, Lancaster, N. Y.

We have a few hundred cuttings to spare of two of the most profitable varieties of carnations, BOSTON MARKET and HARLOWARDEN, at $2.50 per 100; $20.00 per 1000.
The Wm. Scott Co., Corfu, N. Y.

Well rooted cuttings ready now. Per 100:

Fair Maid	$2.00	Lawson	$1.25
Boston Market	2.00	Flora Hill	1.00
Joost	1.00		

F. P. Sawyer, Clinton, Mass.

We can supply your wants in carnations. White Lawson, Flamingo, Lady Bountiful, Nelson Fisher, Crusader, and others. Write us for prices.
John Breitmeyer's Sons, Detroit, Mich.

Strong rooted cuttings ready now. Boston Market, $2.00 per 100; $17.50 per 1000. All side shoots. Healthy stock, every cutting guaranteed.
Stenson & McGrail, Uniontown, Pa.

Rooted cuttings of Enchantress and Fairmaid, from sand, $3.00 100, $25.00 1000. Same varieties from pots, $3.50 100, $30.00 1000. Cash with order. J. W. Foote, Malden, Mass.

White Lawson rooted cuttings, ready for immediate shipment, $7.00 100; $60.00 1000. Special price on quantity. Our stock is pure white.
Chicago Carnation Co., Joliet, Ill.

Rooted carnation cuttings, per 100; Flamingo, $5.00; Enchantress, $3.00; Boston Market, $2.00; Lawson, $1.00. Cash with order, please.
Chas. Wiffin. Des Plaines, Ill.

Rooted cuttings of White Lawson carnation, $6.00; Mrs. Lawson, $2.50; Enchantress, $3.00; Boston Market, $2.00 per 100. Ready now.
Richard Kimball. Wahan, Mass.

Carnations. Boston Market and Queen, the best paying whites; strong, from sand and soil, $2.50 per 100; $20.00 per 1000.
Stabenow Bros., Reading, Pa.

Rooted carnation cuttings, clean stock.
Boston Market.....$2.00 100, $18.00 1000
Unrooted cuttings at half price.
F. H. Pasell & Son, New Bedford, Mass.

Rooted carnation cuttings of Lawson, $2.00 per 100; Lorna, Harlowarden, $1.50 per 100.
Alameda Greenhouse, Roswell, N. Mex.

Unrooted pips. Flora Hill, Maceo, Freedom, Marquis and Mrs. Jas. Dean, 50c 100; prepaid.
Hopkins & Hopkins, Chepachet, R. I.

Rooted cuttings of WHITE LAWSON and MRS. PATTEN carnations, $5.00 100.
H. F. Littlefield, Worcester, Mass.

Carnation, chrysanthemum and violet rooted cuttings. Send for list.
Wm. Swayne, Box 226, Kennett Square, Pa.

Rooted carnation cuttings, Lawson, Peru, $1.00 per 100. S. E. Muntz, Dubuque, Iowa.

Prosperity carnation cuttings, 2000 at $2.00 100; $15.00 1000. Faber Bros., Kankakee, Ill.

Carnations. Novelties and standards. Write F. Dorner & Sons Co., La Fayette, Ind.

CHRYSANTHEMUMS.

Chrysanthemums worth growing. Opah, the best early white; Omega and Monrovia, the best early yellows, also Glory of Pacific, Polly Rose, Cremo, $3.00 100. Midseason sorts—Appleton, Mrs. J. C. Neville, Mrs. Coombes, Mrs. H. Robinson, Marion Newell, Kate Broomhead, Bonnaffon, Percy Plumridge, $3.00 100. Enguehard and Sunburst, $5.00 100. Duckham, $4.00 100. Late varieties—Lavender Queen, W. H. Chadwick, Yanoma, Intensity, Nagoya, and others, $3.00 100. Our 1905 catalogue is ready. If you did not receive a copy, notify us.
Nathan Smith & Son, Adrian, Mich.

Chrysanthemums. Strong stock plants of Dr. Enguehard, $1.00 per doz. Silver Wedding, Col. D. Appleton, Mrs. Jerome Jones, Columbia, Grates, W. H. Rieman, Helen Bloodgood, Marie Liger, White Bonnaffon, Mrs. S. J. Tranter, 75c per doz.
C. W. Reimers, Hite Ave., Louisville, Ky.

Chrysanthemums; buy now and increase your stock. Wm. Duckham, Dr. Enguehard, pink; Ben Wells, white; Donald McLeod, bronze yellow. Rooted cuttings, $3.00 per 100; 2-in., $5.00 per 100. Cash, please. Send for regular list.
R. Engelman & Son, Pittsfield, Mass.

Chrysanthemum novelties. We are headquarters for the best new varieties. Mrs. W. Duckham, Merstham Yellow, J. H. Doyle, Emily Mileham, Lady Cranston, A. J. Miller, Mrs. D. V. West, etc. Complete list now ready. Send for copy. Chas. H. Totty, Madison, N. J.

Chrysanthemum rooted cuttings now ready. Wm. Duckham, Ben Wells, $2.00; F. A. Cobbold, Leila Filkins, $3.00 100. Mrs. Thirkell, $2.00 100. Send for list. No order filled for less than $1.00.
W. A. Chalfant, Springfield, Mo.

We shall be pleased to send you our price list of chrysanthemums, which includes about all the varieties that are worth growing.
The Wm. Scott Co., Corfu, N. Y.

Rooted cuttings of early chrysanthemums, Opah, Mme. Bergmann, Willowbrook, and October Sunshine. Write for prices.
Eli Cross, Grand Rapids, Mich.

Chrysanthemums. Three grand new commercial varieties, MAJESTIC, ADELIA, MADONNA. Write us about them.
John Breitmeyer's Sons, Detroit, Mich.

Hardy chrysanthemums, small flowering varieties, 2¼-in. pots, $2.00 100; large flowering, 2¼-in. pots, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

CINERARIAS.

Cinerarias, Benary's, right for Easter, out of 3-in., $4.00 per 100.
Shellroad Greenhouses, Grange, Balto., Md.

Hybrid cinerarias, dwarf; budded, ready for 5-in. pots, $6.00 per 100.
Herman Holtz, Hammond, Ind.

CLEMATIS.

Large-flowering clematis, purple, lavender, white, red, 2-yr., 18c; 1-yr., 9c. Cash.
W. H. Salter, Rochester, N. Y.

COLEUS.

Rooted cuttings of Verschaffeltii, Golden Bedder, Lord Palmerston, Fire Brand, Beckwith's Gem, Queen Victoria and Fancies, 60c 100; $5.00 1000. Golden Bedder (original) and Hero, 75c 100; $6.00 1000. Ten per cent discount on orders of 10,000 or more.
Frank A. Pierson, Cromwell, Conn.

Coleus rooted cuttings, 60c per 100, $5.00 per 1000; 2-in., $2.00 100, $15.00 1000. Golden Bedder, Verschaffeltii and other varieties.
E. B. Randolph, Delavan, Ill.

Coleus rooted cuttings, 40 var., 70c 100; $6.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Coleus, 10 varieties, 2-in. pots, ready March 1, $2.00 100. Cash.
Jos. H. Cunningham, Delaware, Ohio.

Coleus, good varieties, 2¼-in., $2.00 100. $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Coleus, 12 best varieties, 2-in., full of cuttings. $2.00 100. A. J. Baldwin, Newark, Ohio.

Coleus rooted cuttings, red and yellow, 70c 100. D. U. Augspurger & Sons, Peoria, Ill.

CUPHEAS.

Cupheas (cigar plant); rooted cuttings, 60c 100; $5.00 1000. Cash, please. No orders filled for less than $1.00.
Critchell's, Avondale, Cincinnati, Ohio.

Cuphea (cigar plant), 2¼-in., $2.00 100. Cash.
R. Vincent, Jr. & Son, White Marsh, Md.

CYCLAMEN.

Cyclamen giganteum splendens, in 5 separate colors from 2¼-in. pots, ready for 3½ or 4-in., $5.00 per 100; also same as above, from flats, once transplanted, $2.00 per 100.
Wm. Schlatter & Son, Springfield, Mass.

Cyclamen giganteum, our well known strain. July seedlings, twice transplanted, strong and healthy, in separate colors, $4.00 per 100; $35.00 per 1000.
Lehnig & Winnefeld, Hackensack, N. J.

Cyclamen, once transplanted, seed taken of only the choicest stock, nothing better, $2.00 per 100; $18.00 per 1000.
C. Winterich, Defiance, Ohio.

DAHLIAS.

DAHLIAS. Pot roots for immediate shipment. Every section, including the popular CACTUS dahlias, at $6.00 per 100 in 25 sorts. Better and newer kinds at $8.00 and $9.00 100. These are postpaid terms; note this when comparing prices.

Twelve seedling CACTUS dahlias, all 1903 sorts, and certificated by the Dahlia societies in England, $2.50 postpaid.

1904 seedling CACTUS dahlias. A rare opportunity; only a few to offer at $1.25 each, postpaid, in quantities of not less than 4 sorts, or 1 of each (there are 16 of them) for $16.00, postpaid.

Terms: Cash with order. Catalogue free.
Hobbies Limited, Norfolk Nurseries, Dereham, England.

DAHLIA KRIEMHILDE. The finest pink cactus variety for cutting. See colored illustration in our retail catalogue for 1905. An ideal dahlia in every way, color, form and free flowering; field roots 15c each, $1.50 doz., $12.00 per 100. We handle dahlias as a specialty. Our list is the most up-to-date in the country. We offer 149 distinct varieties, only the best of each type.
H. A. DREER, Philadelphia, Pa.

MRS. WINTERS, still the leading white. My sales of this variety for the past two years were phenomenal; also INGEBORG EGELAND, the new scarlet cactus. Do not fail to list these two novelties. Also fine stock of leading novelties and standard varieties. Catalogue of dahlias, peonies, hollyhocks, gladioli and hardy plants, now ready.
W. W. WILMORE, Dahlia Specialist,
Box 382, DENVER, COLO.

EAST BRIDGEWATER DAHLIA GARDENS. If you are looking for some first-class, up-to-date dahlias, send for trade list to the winner of the SILVER MEDAL at St. Louis World's Fair for growing exhibit.
J. K. Alexander, East Bridgewater, Mass.

Dahlias. Our catalogue with descriptions of 40 varieties sent on request. Strong, field-grown roots. Best cut flower varieties.
Vick & Hill Co., Box 613, Rochester, N. Y.

Cactus dahlia roots, true to name, $50.00 1000; mixed, $35.00 1000.
F. W. O. Schmitz, Prince Bay, N. Y.

Dahlias, 40 new and rare varieties; cactus, fancy, show, pompon and decorative, $5.00 per 100; mixed, $4.00 per 100. Try our new cactus dahlia, Elmhurst, color deep, rich carmine, 50c each. Elmhurst Nursery, Argentine, Kan.

Dahlias. Nymphaea, Livoni, Snowclad, Storm King, Strahlen Krone, and new cactus sorts, mixed, $3.00 per 100, $25.00 per 1000. Strong field roots. Cash.
I. Merwin Rayner, Greenport, N. Y.

DAISIES.

NEW SHASTA DAISIES
ALASKA, CALIFORNIA, WESTRALIA, $3.00 doz.; $15.00 100. Having obtained my stock from Mr. Burbank, it is warranted to be pure and true to name. Postal for circular. Shasta daisy "Shasta," strong field plants, $3.00 100. Small plants, one-third less. Prepaid. Cash, please. Fred Grohe, Santa Rosa, Cal.

NEW DAISY or MARGUERITE "QUEEN ALEXANDRA." Entirely distinct, a large percentage of the flowers coming double, not unlike an anemone-flowered chrysanthemum. A plant that is certain to become as popular both as a cut flower and pot plant as the common Paris daisy, 20c each, $2.00 per doz., $15.00 per 100. H. A. Dreer, Philadelphia, Pa.

Daisies. English daisies, Snowball and Longfellow, wintered in frames, $1.00 per 100, $7.00 per 1000. Cash.
I. Merwin Rayner, Greenport, N. Y.

Daisies. Marguerites, California White, $1.00 per 100; yellow, extra fine, $2.00 per 100. Cash.
N. P. Colberg, Morris, Ill.

Marguerites, giant white R. C., $1.00; 2-in., $2.00 per 100, prepaid. Cash.
Byer Bros., Chambersburg, Pa.

Marguerites, everblooming white; rooted cuttings, $1.00 100; $7.50 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Daisies, dbl. white, 75c 100, $5.00 1000.
S. Whitton, 15 Gray Ave., Utica, N. Y.

Daisies, $1.00 per 100.
S. D. Brant, Clay Center, Kan.

DRACÆNAS.

Dracaena indivisa, 3-in. pots, 16 to 20 inches high, $6.00 per 100; 4-in. pots, 18 to 24 inches high, $10.00 per 100. Fine, bushy plants, leaves to the bottom.
Port Allegany Greenhouses, Port Allegany, Pa.

Dracaena indivisa, 3 and 4-in., 24-in. high, ready for 5-in., very strong, $6.00 100. Cash.
N. P. Colberg, Morris, Ill.

Dracaena indivisa, strong 2½-in., $2.50 per 100; 4-in., $5.00 per 100.
J. C. Schmidt Co., Bristol, Pa.

Dracaena indivisa, 3-in., good stock, $6.00 per 100. Rhoten Bros. Co., Bx 5, Danville, Ill.

EASTER PLANTS.

Forcing stock for Easter. Azalea mollis, full of buds, nice even heads, 12 to 15 in. high, $30.00 100; 15 to 18 in. high, $40.00 100.

Deutzia gracilis, grown especially for pot culture; very bushy; 12 to 15 in. high, for 6-in., $6.00 100; 15 to 18 in., for 7 or 8-in., $8.00 100.

Deutzia Lemoinei—similar to gracilis, but stronger grower—15 to 18 in. high, for 6-in., $8.00 100; 18 to 24 in., for 7 or 8-in., $10.00 100.

Rhododendrons, best named hybrids, bushy and full of buds, 20 in. high, $9.00 doz.; 24-in. high, $12.00 doz.; 30 to 32 in. high, heavy, $24.00 doz.

Spiraea japonica, $3.00 100; nana compacta, $4.00 100.
STORRS & HARRISON CO., Painesville, O.

Best German forcing valley pips and forcing lilacs; spiraea clumps in sorts; selected longiflorum bulbs; Crimson Ramblers, azaleas, and other Easter forcing plants and bulbs imported to order for fall delivery.
A. Rolker & Sons, 31 Barclay St., N. Y.

We have a fine line of Easter plants, timed just right to be in full bloom. See display adv. in this issue.
G. Aschmann, 1012 Ontario St., Phila.

EUPHORBIAS.

Euphorbia. Crown of Thorns. 2½-in., $7.00 100. Iowa Seed Co., Des Moines, Iowa.

FARFUGIUMS.

Farfugium grande. We still have a few hundred left; fine plants, 4-in., well-colored, $15.00 100.
Michel Plant and Bulb Co., St. Louis, Mo.

FERNS.

Boston ferns. Per 100: 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00. Each: 8-in., $1.00 to $1.50; 10-in., $1.50 to $2.50. Piersoni ferns. Per 100: 2½-in., $5.00; 3-in., $12.50; 4-in., $20.00; 5-in., $35.00. Each: 6-in., 75c to $1.00; specimens, $1.50, $2.50, $3.50 and $5.00. Ten per cent from above price where cash is with the order.
Geo. A. Kuhl, Pekin, Ill.

NEPHROLEPIS SCOTTII. The new Boston fern which has not only come to stay, but which we predict will displace the Boston fern entirely.

	Doz.	100	1000
2¼-inch pots	$2.00	$15.00	$125.00
3-inch pots	3.25	25.00	
6-inch pots	1.00 each.		

H. A. DREER, Philadelphia, Pa.

Boston ferns, fine stock. 2½-in., $3.50 100; 3-in., $1.00 doz., $7.00 100; 4-in., $1.75 doz., $12.00 100; 6-in., $4.80 doz.; 7-in., $7.00 doz. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

SCOTTII FERNS.
2½-inch, $2.00 per doz.; $12.50 per 100. 3-inch, $3.00 per doz.; $20.00 per 100. 4-inch, $5.00 per doz.
The Conard & Jones Co., West Grove, Pa.

BOSTON FERNS, pot-grown. Per 100: 2½-in., $3.00; 3-in., $6.00; 4-in., $12.00; 5-in., $20.00. Good, strong, healthy plants.
Crown Point Floral Co., Crown Point, Ind.

Boston ferns, 2½-in., $4.00; 3-in., $8.00; 4-in., $15.00; 5-in., $25.00; 6-in., $40.00; 7-in., $60.00; 8-in., $75.00 100.
Davis Bros., Geneva, Ill.

Boston ferns, extra fine stock cut from bench for 5, 6, 7, 8-inch pots, at $25.00, $50.00, $75.00, $100.00 per 100.
L. H. Foster, 45 King St., Dorchester, Mass.

Boston ferns. To make room quick—2½-in., 3c; 3-in., 5c; 4-in., 8c; 5-in., 20c; 6-in., 25c. A few 7-in., 50c.
S. M. Harbison, Danville, Ky.

Nephrolepis Scottii, 6-in., pot-grown, ready for 8-in., $15.00 doz.; 7-in., $24.00 doz.; 8-in., $36.00 doz.
John Scott, Keap St., Brooklyn, N. Y.

Boston ferns, 2¼-in., $3.50; 4-in., $12.00; 5-in., $20.00; 6-in., $35.00; 7-in., $60.00; 8-in., $75. Excellent value.
W. H. Gullett & Sons, Lincoln, Ill.

Nephrolepis exaltata Bostoniensis. We have reduced price to $10.00 per 1000, for cash; fine young stock. Soar Bros., Little River, Fla.

Boston ferns, 2½-in., $5.00 per 100; 3-in., 8c; 4-in., 15c; 5-in., 25c; 6-in., 40c; 7-in., 90c.
W. J. & M. S. Vesey, Fort Wayne, Ind.

We are headquarters for Boston and Piersoni ferns. The stock is fine and thrifty. Write
Geo. A. Kuhl, Pekin, Ill.

Boston ferns from benches, good for 5-in., 6-in., or 7-in. pots, 25c, 35c and 50c.
Jas. E. Beach, 2019 Park Av., Bridgeport, Conn.

Boston and Pierson ferns, rooted runners, $2.00 100; $18.00 1000.
Michel Plant and Bulb Co., St. Louis, Mo.

Special discount on Boston and Pierson ferns.
J. B. Braidwood, Colorado Springs, Colo.

Boston ferns, 2¼-in., strong, $3.00 100.
Iowa Seed Co., Des Moines, Iowa.

Boston ferns, extra fine 2½-in., 3½c.
A. J. Baldwin, Newark, Ohio.

FEVERFEW.

Feverfew for Decoration day. Fine stuff in 2½-in. pots, $3.00 100. Cash with order.
S. J. Goddard, Framingham, Mass.

Feverfew Little Gem, strong rooted cuttings, $1.00 per 100. S. E. Muntz, Dubuque, Iowa.

Feverfew Little Gem, R. C., $1.00 100; 2-inch, $2.50 100. Cash.
D. W. Brainard, Thompsonville, Conn.

Feverfew, dbl. white, $1.00 100, $8.00 1000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

FUCHSIAS.

Fuchsias Black Prince and Minnesota, 2¼-in., 50c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Fuchsias. Rooted cuttings, 11 varieties, mixed, $1.25 per 100.
S. T. Danley, Macomb, Ill.

GERANIUMS.

Doubles—Bruanti, Centaure, Comtesse de Harcourt, Double Gen, Grant, Gloire de France, Jean Viaud, La Favorite, Le Cid, Mme. Canovas, Mme. Charotte, Mme. Jaulin, Mme. Landry, Miss Kendell, Miss Frances Perkins.
Singles—Granville, Mme. Bruant, Mrs. E. G. Hill, Queen of the West, Single Gen. Grant.
Good, strong, healthy plants from 2¼-in. pots, 40c per doz., $2.00 per 100, $17.50 per 1000, provided that not less than 200 of any one variety are ordered.
R. Vincent, Jr. & Son, White Marsh, Md.

Geraniums from 2¼-in. pots, fine stock. Jean Viaud, Bruant, F. Perkins, S. A. Nutt, M. De Castellane, Katie Schultz, Queen of the West, A. Ricard and Mrs. E. G. Hill at $2.00 per 100; A. H. Trego, $3.50 per 100.
S. M. Harbison, Danville, Ky.

Geraniums, 2½-in., September struck, fine stock. Nutt, Viaud, Harrison, Poitevine, Ricard Le Constable Heteranthe, Bellerophon, Meehan, Buchner, $2.50 per 100.
J. Sanstrom, Momence, Ill.

Geraniums, 2½-in. pots, $2.00 per 100; $15.00 per 1000. Cash.

Viaud	J. J. Harrison
Nutt	Annabel
La Favorite	Richelieu
Dbl. Grant	Mme. Jaulin
Pasteur	John Doyle
Trego	M. De Castellane
Dbl. Dryden	Le Soliel
A. Ricard	B. Poitevine
Mrs. E. G. Hill	Fleur Poitevine
Rev. Atkinson	Mrs. Gaar
Madonna	Bellerophon

C. G. Nanz, Owensboro, Ky.

TELEGRAPH is the best geranium known to the trade for bedding out, conservatory or window. It has commanded more notice and received more honors than any geranium ever before disseminated. Strong 2¼-in. plants, $15.00 1,000.
Thos. De Voy & Son, Poughkeepsie, N. Y.

Geraniums, 2¼-in., pot bound, strong, bushy plants of mixed varieties; Nutt, Grant, Jean Viaud, etc., $1.75 per 100; $15.00 per 1000.
S. E. Muntz, Dubuque, Iowa.

Geraniums. Surplus stock of S. A. Nutt, A. Ricard, Jean Viaud, 2¼-in., ready for a shift, $2.25 per 100.
Harvey B. Snow, Camden, New York.

Geraniums. Wm. Langguth, 2¼-in., $5.00 100; Lady Plymouth, sweet scented, variegated, 2¼-in., $6.00 100.
Iowa Seed Co., Des Moines, Iowa.

Rooted cuttings of Mme. Salleroi geraniums, $1.00 100; $8.00 1000. Cash, please.
Critchell's, Avondale, Cincinnati, Ohio.

Geraniums. 10 varieties, 2 and 2½-in. pots, $3.00 100. Cash.
Jos. H. Cunningham, Delaware, Ohio.

Mme. Salleroi geraniums, 2½-in., $2.00 100; $18.00 1000. Faber Bros., Kankakee, Ill.

Mme. Salleroi, 2-in., $2.00 per 100.
Hopkins & Hopkins, Chepachet, R. I.

GLADIOLI.

Gladioli. Groff's hybrid mixture, grown in Nooksachk Valley, Wash., where our long season and mild climate insure a perfect, solid development of bulbs, which will produce extra strong spikes of the most brilliant colors of giant flowers. Write for our low prices by the 100 or 1000. Goode Bros., Ferndale, Wash.

Groff's hybrid gladioli, $1.00 per 1000; will bloom the first year; bulblets, 25c per 1000. Colors are white, scarlet, crimson, bright red, bright pink, delicate peach and rose; flowers 3 to 5 inches in diameter. Cash with order.
Ralph Hornor, Mt. Holly, N. J.

Shakespeare, sizes 1 and 2; E. Scribe, 1 and 2; No. 1900, 2, 3 and 4; Augusta, 2, 3 and 4. Also small Augusta sizes, ¼ to ⅜ in., $3.50; 5-16 to ½ in., $5.00 per 1000.
John Fay Kennell, Chili Center, N. Y.

Gladioli. Highest quality grown in the world. Groff's hybrids and other sorts the best obtainable. See display adv. in this issue.
Arthur Cowee, Gladiolus Specialist, Meadowvale Farm, Berlin, N. Y.

FLORACROFT prize strain GLADIOLI have immense spikes with orchid-like blooms. See display adv. in this issue for varieties and prices.
Johnson & Stokes, 217-219 Market St., Phila.

Groff's hybrid gladioli. First-class corms, $2.00 100; second size, $1.50 100; small (blooming), 1 in. and under, 75c 100. Cash with order, please. W. F. Massey, Raleigh, N. C.

Gladioli, best mixed, 1st size, $9.00 1000; 2nd size, $6.00 1000; light and white, 1st size, $15.00 1000; 2nd size, $12.00 1000.
F. W. O. Schmitz, Prince Bay, N. Y.

Gladiolus bulbs. Groff's hybrids, $1.00 and $2.50 per 1000; bulblets, 75c per qt. Cash. Samples free.
Frank Klotz, Bowling Green, Ohio.

150,000 gladiolus bulbs, good stock, ¾ to 1½-in.; also choice gladiolus seed. Write for low prices. S. Huth, Cuyahoga Falls, Ohio.

May and Groff's hybrids, sizes ½ inch and less, $1.00 per 1000. Cash.
P. O. Coblentz, New Madison, Ohio.

Our gladiolus bulbs are good. Try them.
Cushman Gladiolus Co., Sylvania, O.

See adv. under heading of bulbs.
E. Y. Teas, Centerville, Ind.

HARDY PLANTS.

Hardy phlox, 10 named varieties, 2¼-in. pots $3.00 100. Carnations, dwarf hardy, mixed; Carnation Marguerite, and Delphinium formosum, $1.50 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Extra fine blue spruce (Koster), from 2 to 5 ft. high; taxus in all sizes, conifers, hardy shrubs, etc. All strictly first-class. Catalogue free.
Van der Weijden & Co., Boskoop, Holland.

Ornamental trees, shrubs, roses, clematis, fruit trees and small fruits. Send for price list. W. & T. SMITH CO., Geneva, N. Y.

HARDY PLANTS—Continued.

Native ferns and herbaceous plants. Lobelia cardinalis, a fine lot of hemlock, white pine, American yew, betulas, vacciniums, Viburnum cassinoides, V. dentalum, V. lantinoides, and V. Lentago, and native trees and shrubs of all kinds and sizes. Price list for asking. Send your large list to me for special prices.
L. E. Williams, Nottingham, N. H.

Surplus tree seeds—500 lbs. Catalpa speciosa and 500 lbs. black locust; also good lot of other tree and shrub seeds, and a large lot of seedlings both nursery-grown and collected. Send for trade list.
Forest Nursery and Seed Co., Irving College, Tenn.

We are headquarters for HARDY PERENNIALS, having over 13 acres devoted to the growing of latest and choicest varieties. Also 5 acres to daffodils, 12 to conifers and 3 to rhododendrons. Send for our catalogue.
Royal Tottenham Nurseries, Dedemsvaart, Holland.

Fruit trees, small fruits, ornamental trees, evergreens and shrubs, shade trees, hardy plants, climbers, etc. We have the most complete collections in the country. Illustrated descriptive catalogue free.
Ellwanger & Barry, Drawer 1044 W, Rochester, N. Y.

Dicentra spectabilis, strong roots, $7.00 per 100; Peonia officinalis rubra, fl. pl., best red, $8.00 per 100.
Vick & Hill Co., Box 613, Rochester, N. Y.

Trees and shrubs, fine varieties, low prices. Send for catalogue.
Peterson Nursery, 504 W. Peterson Ave., Chicago.

Shrubs, plants, bulbs. Wholesale or retail. Write D. Rusconi, Importer, 32 West 6th St., Cincinnati, O.

We have a fine lot of small shrubs and herbaceous plants. Send for our lists.
Elizabeth Nursery Co., Elizabeth, N. J.

We handle the best grade of nursery stock only. Send for our catalogue.
Western Seed Co., Shenandoah, Iowa.

For your trees, shrubs, vines and small fruits send to
WM. H. MOON CO., Morrisville, Pa.

HELIOTROPES.

Heliotrope rooted cuttings, 12 var., $1.00 100; $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Heliotrope Chieftain, a fine variety, 2¼-in., 40c doz. $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Heliotrope, blue, R. C., $1.00 100; 2-inch, $2.00 100. Cash.
D. W. Brainard, Thompsonville, Conn.

Heliotropes, 2¼-in., fine stock, $2.00 per 100. Cash. W. H. Parsil, Summit, N. J.

Heliotropes, rooted cuttings, $1.25 100.
D. U. Augspurger & Sons, Peoria, Ill.

HIBISCUS.

Hibiscus Regia Maxima, Peachblow, Carminatus perfectus, healthy, well-established plants, 3-in., 75c doz., $6.00 100.
Michel Plant and Bulb Co., St. Louis, Mo.

Hibiscus Peachblow, 2¼-in., $3.00 100.
Iowa Seed Co., Des Moines, Iowa.

Hibiscus, 3 varieties, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

HOLLYHOCKS.

Hollyhocks. Large field-grown plants, $3.00 per 100. Double varieties in red, white, pink, yellow and maroon; also the Allegheny strain in mixture at same price. Catalogue of peonies, hardy plants, gladioli and dahlias now ready.
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Hollyhocks, strong field plants, double and single colors, each, $5.00 100.
John Charlton & Sons, Rochester, N. Y.

Hollyhocks, dbl. white, mixed, 3-in., $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

HYDRANGEAS.

Hydrangea Otaksa, pot-grown, 6 to 12 flowering crown, suitable for 7 and 8-in. pots, $4.00 per doz.; 10 to 20 flowering crowns, suitable for tubs, $6.00 per doz. Field-grown, potted, 5 to 7 crowns, suitable for 6-in. pots, $20.00 per 100; 3 to 4 crowns, $15.00 per 100.
Herman Holtz, Hammond, Ind.

Hydrangeas, strong young clumps for 5 and 6-in. pots, $1.50 doz.; $10.00 100. W. G. Kroeber, 355 North St., New Bedford, Mass.

100 Hydrangea Otaksa, 4 and 5-in. pots ready for 6 and 7-in., 20c each; $15.00 per 100. Cash.
C. G. Nanz, Owensboro, Ky.

Hydrangea pan, grand., fine bushy plants, 8c. Cash. W. H. Salter, Rochester, N. Y.

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Iris mixed, $35.00 1000.
F. W. O. Schmitz, Prince Bay, N. Y.

IVY.

Water ivy, rooted cutting, 60c 100; $5.00 1000. Cash, please. No orders filled for less than $1.00.
Critchell's, Avondale, Cincinnati, Ohio.

Hardy English ivy, $2.00 100, $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

LANTANAS.

Lantanas, 10 varieties, 2¼-in., $2.00 100, $17.50 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

Lantana rooted cuttings, $1.00 100. Cash.
Critchell's, Avondale, Cincinnati, Ohio.

LILY OF THE VALLEY.

BRUNS' VALLEY.
Largest and finest stock in the west. Selected pips, $12.00 per 1000, $1.50 per 100.
We also offer a very good valley pip in fine condition at $7.50 per 1000, $21.00 per case of 3000.
H. N. Bruns, 1409 W. Madison St., Chicago.

Lily of the valley pips. Fine stock in excellent condition, $24.00 per case of 3000; 2 or more cases, $7.50 per 1000.
J. M. Thorburn & Co., 36 Cortlandt St., N. Y.

Russian lily of the valley, the best for early or late forcing, $15.00 per 1000, $32.50 per 2500; $125.00 per 10,000.
Stumpp & Walter Co., 50 Barclay St., N. Y.

Valley pips, best German forcing.
A. Rolker & Sons, 31 Barclay St., N. Y.

LOBELIAS.

Rooted cuttings of dwarf blue lobelias, $1.00 100, $8.00 1000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Lobelias, Crystal Palace, dwarf, 2¼-in., 40c doz., $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Lobelias, fancy blue, the best for edging, 60c 100; $5.00 1000.
Critchell's, Avondale, Cincinnati, Ohio.

MADERIA VINES.

Madeira vines, best, $10.00 1000.
F. W. O. Schmitz, Prince Bay, N. Y.

MOONVINES.

Moon vines, white and blue, 50c doz., $3.00 100. R. Vincent, Jr. & Son, White Marsh, Md.

Moon vines, 2½-in., $3.00 per 100.
E. G. Bunyar, Independence, Mo.

NASTURTIUMS.

Nasturtiums, double; light yellow, with brown markings. Rooted cuttings, $3.50 100, prepaid. E. H. Hitchcock, Lamar, Mo

ORCHIDS.

We have always on hand a stock of established and semi-established orchids. A number of vars. now in sheath and spike. Correspondence solicited. Lager & Hurrell, Summit, N. J.

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Latania borbonica. We have 10,000 strong, thrifty plants in 2½ and 3-in. pots (some of which are showing character leaves), ready for immediate shift. We offer them, while they last, at $5.00 100; $45.00 1000.
Dingee & Conard Co., West Grove, Pa.

Palms, extra fine stock. Latania borbonica, 2½-in. pots ready for shifting, $4.00 100; $35.00 1000. Critchell's, Avondale, Cincinnati, Ohio.

Pandanus Veitchii, 6-in., $1.00 each; $12.00 doz. Also larger sizes.
J. Welsh Young, Germantown, Pa.

Philadelphia-grown palms. Write
Joseph Heacock, Wyncote, Pa.

Kentia palms. Large assortment.
L. H. Foster, Dorchester, Mass.

Palms and decorative plants.
Chas. D. Ball, Holmesburg, Phila., Pa.

PANSY PLANTS.

Giant pansies in separate colors or mixed; transplanted strong plants in bud, $1.25 per 100; $10.00 per 1000; 3000 for $25.00.
F. A. Baller, Bloomington, Ill.

Free!! If you intend to buy pansy plants this spring, send your name on postal card and ask for free sample in bloom.
Ludwig Mosbaek, Onarga, Ill.

Large transplanted plants of Bugnot, Cassier, Odier and Trimardeau strains, from cold frame, 50c 100. $3.00 1000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

Pansies. Mme. Perrett and from our own famous strain, $2.50 per 1000, $10.00 per 5000.
J. C. Schmidt Co., Bristol, Pa.

Pansies, large transplanted plants, 50c 100 by mail; $3.00 1000 by express.
C. Whitton, Utica, N. Y.

Pansy plants, large flowering, 60c 100, $2.50 1000. Cash.
Jos. H. Cunningham, Delaware, Ohio.

100,000 pansy plants, $5.00 1000.
Loomis Floral Co., Loomis, Cal.

Pansies, mixed, $1.50 100.
R. Vincent, Jr. & Son, White Marsh, Md.

PELARGONIUMS.

Pelargoniums, mixed varieties, 2 and 3-in. pots, $3.00 per 100; 200 for $5.00. Cash.
C. G. Nanz, Owensboro, Ky.

Pelargonium rooted cuttings, 15 var., $2.25 100. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

PEONIES.

Chinese herbaceous peonies. Double white, $1.50 doz., $10.00 100; double pink, double red and double dark red, $1.25 doz., $8.00 100.
Johnson & Stokes, 217-219 Market St., Phila.

Peonies, fringed-leaved; first-class, 75c, cash with order; packing free.
Western New York Nursery Co., Rochester, N. Y.

Fine collection of peonies, including Festiva maxima. For prices write
Gilbert H. Wild, Sarcoxie, Mo.

Peonia sinensis, true to name, $10.00 100; $75.00 1000.
F. W. O. Schmitz, Prince Bay, N. Y.

PETUNIAS.

Berkshire, the new double fringed pink seedling petunia. Strong grower, very free bloomer and a beautiful shade of pink, color of Bridesmaid rose. I guarantee this petunia to be as represented. Orders filled in rotation at the following prices: Rooted cuttings, prepaid, 25 for $1.00; 50 for $1.75; 100 for $3.00; 2½-inch pot plants, $5.00 100, express. Cash with order. L. W. Acheson, Pittsfield, Mass.

Petunias, rooted cuttings; single, from California Giants, one of the finest collections in California, flowers from 4 to 6 inches across; double, from Dreer's and Henderson's sets, $1.25 100. Cash, please.
Fred Grohe, Santa Rosa, Cal.

Petunias, double, mixed, 2¼-in. pots, $2.50 100; 5 named varieties, 2¼-in. pots, $3.00 100. Dreer's superb single, mixed, $2.00 100. Fine mixed, $1.50 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Petunias, strong, tarifty plants, 2¼-in. pots, in four of the best, distinct varieties—white, variegated, light and dark blue, $2.50 100.
Nathan Smith & Son, Adrian, Mich.

Double petunias, rooted cuttings, very fine varieties, $1.50 100. 5% discount for cash with order. D. U. Augspurger & Sons, Peoria, Ill.

Petunias, double, mixed, 2¼-in. pots, $2.50 100; 5 named varieties, 2¼-in. pots, $3.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

Double fringed petunias, 2½-in., ready for 4-in., separate colors, $2.50 per 100; $20.00 per 1000; 250 at 1000 rate.
Krueger Bros., Toledo, Ohio.

Petunia rooted cuttings, 20 var., $1.25 100, $10.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Petunias, dbl. fringed, 6 distinct novelties, $1.25 100; $10.00 1000.
The W. T. Buckley Co., Springfield, Ill.

Double petunias, rooted, 8 varieties, $1.00 per 100. Prepaid.
Hopkins & Hopkins, Chepachet, R. I.

Petunias, dbl. R. C., 10 best, $1.00 per 100, prepaid. Cash. Byer Bros., Chambersburg, Pa.

Double petunias, 2¼-in., $2.50 per 100.
Rhoten Bros. & Co., Bx. 5, Danville, Ill.

POINSETTIAS.

Poinsettias. We have 2000 strong, healthy, dormant stock plants, one year old, at $6.00 per 100; $50.00 per 100.
Chas. Frueh & Sons, 1116 Hoyt Ave., Saginaw, Mich.

Poinsettias, 1 year old, $5.00 100.
The Gasser Co., Cleveland, Ohio.

POT PLANTS.

Pot plants. Fine 6-in. pot plants of light pink carnation (cross between Tidal Wave and Wm. Scott), 12 to 15 inches in height from top of pot, 10 to 12 inches across plants, 10 to 15 buds on plants; flowers when open 2 to 2½ in. across; will make good salable plants for house use, $25 to $35 per 100. Cash with order.
E. Wickersham & Co., 643 High St., Pottstown, Pa.

PRIMULAS.

Primula obconica, in bud and bloom, out of 4-in. pots, $6.00 per 100. Cash.
J. J. Von Reider, Dover, Del.

Primula obconica, 3-in., $3.00 100; 4-in., $5.00 100. C. Whitton, Utica, N. Y.

PRIVET.

CALIFORNIA PRIVET CHEAP. 100,000 well-grown plants, 3 to 4 ft., selected, $4.00 100, $25.00 1000; 2½ to 3½ ft., 7 or more branches, $2.50 100, $17.50 1000; 20 to 30 inches, 5 or more branches, $2.00 100, $13.00 1000; 18 to 24 inches, light, 2 years, 3 or more branches, $1.50 100, $7.00 1000. All of the above boxed, f. o. b. here. For car or large lots, write before placing your orders.
CHAS. BLACK, Hightstown, N. J.

Privet. 350,000 plants, all sizes, and of 2, 3 and 4 yrs. old. All cut back and now forked with 3 and 4 stems. Suitable for quickly making a thick hedge. We offer in 4 sizes, 2, 3, 4 and 5 ft. high. Prices cut in half. Orders now booked for shipment in March and April. F. O. B. Bristol, Pa. Terms, 30 days from date of shipment.
D. Landreth Seed Co., Bristol, Pa.

California privet, 1, 2 and 3 yrs.; also cuttings; any reasonable offer will be accepted on lots of 5000 to carloads.
J. H. O'Hagan, Little Silver, N. J.

Privet and box edging. Fine, home-grown stock of both at reasonable prices. Send for wholesale list.
Shrewsbury Nurseries, Eatontown, N. J.

Amoor River privet, 3 to 5 feet, $18.00 1000. Cash with order, please.
Geo. Just, Jacksonville, Fla.

California privet and other hedge plants our specialties. Wm. H. Moon Co., Morrisville, Pa.

RHODODENDRONS.

Rhododendron maximum, 6-in., $5.00 100; 12-in., $10.00 100; 20-in., $15.00 100; 30-in., $20.00 100; 40-in., $25.00 100. Choice plants. Cash with first order.
J. N. Pritchard, Elk Park, N. C.

Hardy native Pennsylvania rhododendrons, large clumps 2 to 6 ft. high; finest stock in the U. S.
Riverside Nursery Co., Confluence, Pa.

Rhododendrons, hybrids, from $75.00 100 up.
F. W. O. Schmitz, Prince Bay, N. Y.

ROOTED CUTTINGS.

Rooted cuttings. At ½c—Blue lobelia, dwarf or tall. At ¾c—Dbl. sweet alyssum, dwarf or tall; artillery and cigar plant. At 1c—Big-flowering Marguerite (my specialty), white and yellow: Impatiens Sultana; vinca, light and dark var.; English and German ivy; weeping lantana; var. tradescantia; Swainsona, red and white. At 1¼c—Crimson lantana, Geraniums La Favorite and Mme. Salleroi, Ivy Geraniums Beauty of Jersey, P. Crozy and Jeanne d'Arc; rose geranium and Abutilon Savitzii.
J. A. Wibe, Box 125, Downers Grove, Ill.

Rooted cuttings, prepaid. Per 100: Ageratum Gurney, 50c. Alternantheras, best red and yellow, 45c; fall rooted, extra fine, 50c, $4.00 per 1000. Fuchsia Trophee and other good sorts, $1.25. Heliotropes; double petunias, 10 best sorts, $1.00. Cash.
Byer Floral Co., Shippensburg, Pa.

Vinca var., feverfew, giant alyssum, $1.00. Mme. Salleroi geranium, $1.25. Hardy pinks, 6 kinds, rooted, $1.00; unrooted, 60c. Pelargonium, $2.00; ivy geraniums, best kinds, $1.50 per 100. Prepaid.
S. W. Pike, St. Charles, Ill.

Geraniums, double petunias, fuchsias and carnations, best varieties, $1.00 per 100. Cigar plants, heliotropes, ageratums, salvias and alternantheras, 60c per 100, $5.00 per 1000.
J. C. Schmidt Co., Bristol, Pa.

Rooted cuttings. Heliotropes, 75c 100, $7.00 1000. Coleus, 10 varieties, 65c 100, $6.00 1000. Vinca var., $1.00 100, $8.00 1000. Feverfew, 75c 100, $7.00 1000. Marguerites, yellow and white, 75c 100, $7.00 1000. Alyssum, 75c 100. Cash. Converse Greenhouses, Webster, Mass.

ROSES.

Rooted rose cuttings.

	100	1000		100	1000
Chatenay	$2.50	$20.00	Bride	$1.50	$12.50
Uncle John	2.50	20.00	Ivory	3.00	25.00
Bridesmaid	1.50	12.50	Perle	1.50	12.50

Roses from 2½-inch pots.

	100	1000		100	1000
Richm'd	$30.00	$250.00	La Detroit	$6.00	$50.00
Chatenay	4.00	30.00	Sunrise	4.00	30.00
Godesberg	5.00	40.00	English	25.00	200.00
Liberty	5.00	45.00	Uncle John	4.00	35.00
Kaiserin	4.00	30.00	Bride	3.00	25.00
Bridesmaid	3.00	25.00	Ivory	1.50	12.50
Perle	3.00	25.00			

All plants sold under express condition that if not satisfactory they may be returned.
P. Reinberg, 51 Wabash Ave., Chicago.

The new rose WELLESLEY is a welcome addition to the list of forcing roses. Color is bright pink, with reverse of petals clear silvery pink, thus producing a combination that is exceedingly effective either in daylight or in artificial light. Growth is very free and exceptionally vigorous and will prove satisfactory every month in the year. Delivery strictly in rotation, beginning April 1. Prices:

Own root.	Grafted.
$ 25 per 100	$ 30 per 100
55 per 250	70 per 250
100 per 500	130 per 500
200 per 1000	260 per 1000

Waban Rose Conservatories, Natick, Mass.
John N. May, Summit, N. J.

Rooted rose cuttings.

Gen. MacArthur	Uncle John
Perle	Chatenay
Ivory	Am. Beauty
Bride	Kaiserin
Maid	La Detroit.
Golden Gate	

We offer rooted cuttings of the above at lowest market rates. All first-class stock; cuttings are carefully selected. We wish to call special attention to the Gen. MacArthur, which we believe to be the coming red rose. Prices on application.
J. M. Gasser Co., Euclid Ave., Cleveland, O.

ROSES. 2¼-in. pots, $2.50 per 100.

Universal Favorite	Mme. de Watteville
Evergreen Gem	Francisca Krueger
Dorothy Perkins	Mary Washington
Manda's Triumph	Champion of the World
So. Orange Perfection	Emile Gonin
White Memorial	Frances E. Willard
Yellow Rambler	Bridesmaid
Gardenia	Bride
Helen Gould	Halloween

Strong semi-dormant plants, splendid for spring sales or for planting.
IOWA SEED CO., Des Moines, Iowa.

GRAFTED ROSES, 60,000 plants. We are now grafting on the best English Manetti the above amount of all selected flowering wood, ready for delivery April 1st, in 2½-in. pots, well established and hardened off. Brides and Bridesmaids, $10.00 per 100. La Detroit, Gen. McArthur and Liberty, $12.00 per 100.
Rooted cuttings now ready. Bride, Bridesmaid and Chatenay, per 100, $1.50; Perle and Liberty, $2.50 per 100.
Bassett & Washburn, 76 Wabash Ave., Chicago.

Bride, Maid and Perle roses, ideal stock for summer and early autumn, $4.00 100; $38.00 1000.
Bedding roses. Bon Silene, Etoile de Lyon, Ivory, Mrs. Ben. Cant, Pink and White Cochet, 3-in., $4.00 100; $38.00 1000. Same varieties, and many other everbloomers, 2½-in., $3.00 100; $25.00 1000.
E. G. Hill Co., Richmond, Ind.

Dormant rose plants, 2½-in. pots. Clothilde Soupert, Maman Cochet, White Maman Cochet, La France, Etoile de Lyon, Marechal Niel, Meteor, Helen Gould, Souv. de Mme. Pierre Notting, Ivory, Papa Gontier, Bride, Maid, Ball of Snow, $2.50 per 100; $20.00 per 1000. Cash, please.
John A. Doyle, Rose Grower, Springfield, O.

Roses for spring blooming. C. Soupert, Jacqueminot, Brunner, La France, Magna Charta, Crimson Rambler, etc., field-grown plants, never forced, suitable for 5-in., 7c; larger, for 6-in., 12c. Crimson Rambler, XXX, long tops, 20c. Packing free for cash.
W. H. Salter, Rochester, N. Y.

Rooted cuttings of Maid, Ivory, Golden Gate, $1.50 100; $12.50 1000. Perle, Meteor, $2.00 100; $20.00 1000. American Beauty, $3.00 100; $30.00 1000.
W. H. Gullett & Sons, Lincoln, Ill.

Climbing Caroline Testout, strong, field-grown, 3 to 4 ft., 30c each; $3.00 per doz.; $25.00 100. Climbing Cecil Bruner, strong, field-grown, 3 to 4 ft., 15c each; $1.50 doz.; $12.00 100.
F. Ludemann, 3041 Baker St., San Francisco, Cal.

Field-grown roses, strong and well-rooted. Per 100: Crimson Rambler, 2 to 3 ft., $6.00; 3 to 4 ft., $8.00; 5 to 6 ft., $10.00. Climbing Marie Guillot and Rene Marie Henriette, $10.00. Maman Cochet, D. de Brabant, C. Soupert, $9.50. Junials Rose Gardens, Decatur, Ga.

Grafted roses for forcing. Orders booked for delivery in April, May and June. Liberty, rose pots, $12.00 100; 3½-in. pots, $18.00 100; Bride, Maid, Golden Gate, Kaiserin, rose pots, $10.00 100; 3½-in. pots, $15.00 100. Send for price list. J. L. Dillon, Bloomsburg, Pa.

Roses, 2¼-in. pots, strong plants. Bride, Maid, White and Pink Cochet, $2.50 per 100; $20.00 per 1000. American Beauties, 2¼-in. pots, $5.00 per 100; $40.00 per 1000; 3-in. pot plants, $6.00 per 100; $50.00 per 1000.
C. W. Reimers, Hite Ave., Louisville, Ky.

Crimson Ramblers, extra, $15.00 100. H. P. roses in leading varieties, $10.00 100; H. T. roses in leading varieties, $12.00 100.
F. W. O. Schmitz, Prince Bay, N. Y.

Pot now for spring. White and Pink Cochet, C. Soupert, and Crimson Rambler, field-grown, $10.00 per 100 Cash.
Benj. Connell, West Grove, Pa.

Rooted rose cuttings.

	100	1000		100	1000
Beauty	$3.00	$25.00	Bride	$1.50	$12.50
Liberty	3.00	25.00	Ivory	1.50	12.50
Bridesmaid	1.50	12.50	G. Gate	1.50	12.50

Geo. Reinberg, 51 Wabash Ave., Chicago.

Roses, grafted for March delivery and later. Bride, Bridesmaid, Golden Gate, Wootton, Carnot, La France, $12.00 per 100; Killarney and Franz Deegen, $15.00 per 100. Send for catalogue of other varieties.
WOOD BROS., Fishkill, N. Y.

We offer good values in Perles, in 2 by 3-in. rose pots, at $3.00 and $4.00 100. Fine American Beauty, March delivery, $6.00 100. We grow a full line of roses for the trade. Send for our list and prices.
Geo. A. Kuhl, Pekin, Ill.

La Detroit, Beauty, Mildred Grant, Gen. MacArthur, Liberty, Bride, Maid, Perle, Sunrise, Mme. Hoste, Mme. Cusin, Bon Silene, Papa Gontier, Kaiserin, and others. Write us for prices.
John Breitmeyer's Sons, Detroit, Mich.

Now is the time to buy KAISERIN and CARNOT roses for early summer flowering, 2¼-in. pots, $4.00 per 100, $35.00 per 1000.
BRIDE and BRIDESMAID, 2¼-in. pots, $4.00 per 100, $35.00 per 1000.
W. H. ELLIOTT, BRIGHTON, MASS.

Grafted roses on strong English Manetti stock, Bridesmaid, Golden Gate, Bride, Ivory, Mme. Chatenay, $120.00 1000. Uncle John, La Detroit, Gen. MacArthur, $18.00 100.
S. S. Pennock, Philadelphia, Pa.

Hardy roses. We have the most complete collections in this country. Illustrated descriptive list free.
Ellwanger & Barry, Drawer 1044 W, Rochester, N. Y.

The BABY RAMBLER Rose. We have a large stock of one-year-old, imported, field-grown plants, $5.00 per doz., $35.00 per 100.
H. A. DREER, Philadelphia, Pa.

Roses. We have a very fine lot of roses in 2-in. pots; also small shrubs and herbaceous plants. Send for lists.
The Elizabeth Nursery Co., Elizabeth, N. J.

Rooted rose cuttings. Bride, Chatenay, Gate, Perle and Ivory, $2.00 100. Uncle John and Beauty, $3.00 100.
J. F. Ammann, Edwardsville, Ill.

Hardy perpetual standard and dwarf roses, Crimson Ramblers, etc. First-class stock. Catalogue free.
Van der Weijden & Co., Boskoop, Holland.

Philadelphia Rambler roses; well branched plants, 3 to 4 ft., $2.50 doz.; $17.50 100; $150.00 1000.
The Conard & Jones Co., West Grove, Pa.

Standard Crimson Ramblers, at 30c, cash with order; packing free.
Western New York Nursery Co., Rochester, N. Y.

Rose plants, write for prices on hybrid perpetuals, hybrid teas, teas, climbers, ramblers, etc. C. M. Niuffer, Springfield, Ohio.

Crimson Rambler roses, extra, $15.00 100; H. P. roses, best varieties, $10.00 100.
F. W. O. Schmitz, Prince Bay, N Y.

ROSE STOCKS.

Manetti stocks, just received in fine condition. No. 1, 5 to 10 mm., $10.00 per 1000, $95.00 per 10,000; No. 2, 3 to 5 mm., $7.50 per 1000.
JACKSON & PERKINS CO., Newark, N. Y.

Manetti stocks for fall delivery.
HIRAM T. JONES, Elizabeth, N. J.

SALVIAS.

Salvias, in variety, 2¼-in., $2.00 100; $17.50 1000. Holt's mammoth sage, $2.00 100; $15.00 1000. R. Vincent, Jr. & Son, White Marsh, Md.

Salvia R. C.—Bonfire, splendens, Silverspot, 90c per 100, $8.00 per 1000. Cash. Prepaid.
Byer Bros., Chambersburg, Pa.

Salvias, the two best. Drooping Beauty, dwarf; and Bonfire, tall; $1.00 100; $8.00 1000.
The W. T. Buckley Co., Springfield, Ill.

Salvias St. Louis and Bonfire, rooted cuttings, $1.00 100, $8.00 1000; 2-in., $2.00 100.
E. B. Randolph, Delavan, Ill.

Salvias Jean Revenal and splendens, rooted cuttings, 75c 100; $6.00 1000.
Frank A. Pierson, Cromwell, Conn.

Salvia rooted cuttings, 6 var., $1.00 100; $8.00 1000. Express paid. Cash.
S. D. Brant, Clay Center, Kan.

Salvia rooted cuttings, $1.50 100. 5% discount for cash with order.
D. U. Augspurger & Sons, Peoria, Ill.

Salvias, tall and dwarf; rooted cuttings, $1.00 100; $8.00 1000.
Critchell's, Avondale, Cincinnati, Ohio.

Salvia splendens, $1.00 100.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

SEEDS.

Phlox pumila compacta. Very dwarf and compact; grand for pots; in finest colors, mixed. Trade pkt., 25c.

Alyssum compactum. The most dwarf and compact variety grown; perfect little balls when grown in pots. Trade pkt., 25c.

Chinese primrose. Finest large-flowering fringed varieties, mixed; single and double, 500 seeds, $1.00; half pkt., 50c.

Pansy. Finest giants, the best large-flowering varieties, critically selected; mixed, 5000 seeds, $1.00; half pkt., 50c.

Petunia. New star, from the finest marked flowers, extra choice. Trade pkt., 25c.

Cash. Liberal count of seeds in all packets.
John F. Rupp, Shiremanstown, Pa.

	100	1000
New crop flower seeds.		
Asparagus plumosus nanus.....	$0.60	$5.00
Cyclamen giganteum	.60	5.00
	Oz.	Trade Pkt.
Salvia Bonfire	$2.25	$0.25
Salvia splendens	.90	.20
Stocks, dwarf 10 weeks.....	2.75	.25
Verbena, mammoth	1.00	.20
Begonia, Vulcan and Vernon...		.25
Petunia fim. grandiflora		.50
Petunia fim. grandiflora, double		1.00

W. C. Beckert. Allegheny, Pa.

Choice hollyhock seeds. We offer superb, single, separate colors, 8 kinds, 90c per oz.; superb, single colors, 8 kinds, mixed, 80c per oz.; double hollyhocks in 6 separate colors, 90c per oz.; double hollyhocks, 6 varieties mixed, 80c per oz, Hollyhocks, strong, field plants, double colors, $5.00 per 100; strong, field plants, single colors, $5.00 per 100. Cash with order, please.
John Charlton & Sons, Rochester, N. Y.

Aster seed. Queen of Market, mixed, 35c oz. Giant Ostrich Plume, white, purple, lavender, 75c oz.; mixed, 60c oz. Ostrich Plume "The Bride," white changing to blush pink, very fine, $1.00 oz. Semple's Branching, purple, rose, shell pink, 60c oz.; mixed, 50c oz. These seeds are my own growing, are fresh and absolutely free from disease and very fine.
W. H. Newman, Akron, Erie Co., N. Y.

Aster seed. Upright White Branching, trade pkt., 25c; Queen of the Market, separate colors, trade pkt., 10c; Vick's Branching, separate colors, trade pkt., 10c; Semple's Pink Branching, trade pkt., 10c; White Branching Comet, trade pkt., 20c; Purity, trade pkt., 25c; and many other of the best asters for florists' use. Send for price list.
Vick & Hill Co., Box 613, Rochester, N. Y.

New crop ASTER SEED. Our strains are procured from the leading specialists in Europe and America. For varieties and prices see our display adv. in last issue. If you haven't received our wholesale list for florists, we shall be pleased to send you one.
Johnson & Stokes, 217-219 Market St., Phila.

Carlson improved aster seed, pure strain; recognized as the leading aster for cut stock; no disease; no yellows. Early White, Late White, Shell Pink, Lavender, trade pkt., 25c; ¼ oz., 50c; oz., $1.50. Order early to insure getting all colors.
E. H. Hunt, 76-78 Wabash Ave., Chicago.

Seeds. Hollyhocks in 10 best varieties, all double; delphiniums in 12 varieties; Dianthus barbatus, auricula flowering; Veronica longifolia; digitalis, in great variety; Lobelia cardinalis; Lobelia syphylitica, blue. Write for trade prices. Single trade packet, 10c.
Chas. Long, Jefferson Ave., Rochester, N. Y.

The new aster, KATE LOCK, is the finest aster in existence; blooms are 5 to 6-in. in diameter, full center, with stems 36 to 43 in. long. Price: $2.00 1000 seeds. Colors: White Daybreak, and mixed.
J. H. Lock, 41 Manchester Ave., Toronto, Can.

We carry a full line of flower seeds for florists. Always fresh and true to name. See display adv. in last issue for a partial list of varieties and prices, or write us for our spring list, just out.
H. H. Berger & Co., 47 Barclay St., N. Y.

Seed of BENTHEY'S two grand NEW ASTERS is now ready. Price: Trade pkt., $1.00; ¼ oz., $2.50; ½ oz., $4.50; 1 oz., $8.00. Write us for full information.
BENTHEY-COATSWORTH CO., 35 Randolph St., Chicago.

Seeds of the best single dahlias, choice single petunias, and true early cosmos. These seeds were grown and collected for florists' use. Trade pkt., 25c; 5 for $1.00.
B. Sill & Sons, Long Island City, N. Y.

DREER'S RELIABLE FLOWER SEED for florists. See display adv. in this issue for a partial list of varieties, or write us for our wholesale price list.
H. A. Dreer, 714 Chestnut St., Phila., Pa.

We are the largest wholesale and retail seed corn growers in the world; also carry a full line of flower and garden seeds. Write for our catalogue.
Western Seed Co., Shenandoah, Iowa.

We have the cream of the novelties of the season and all the standard sorts. Strains especially selected for critical florists.
W. W. Barnard & Co., 161 Kinzie St., Chicago.

Cream of giant pansy mixture, oz., $3.00; ½ oz., $1.75; ¼ oz., $1.00; this mixture is sold the world over for double the money.
A. J. Santschi, 614 10th St., Goshen, Ind.

Asparagus plumosus nanus seed, March delivery, $2.00 per 1000. Smilax seed, May delivery, $1.00 per lb.; 10 lbs., 75c per lb.
E. R. Meserve, Burnett, Cal.

Seed growers. Sweet, field and pop corn, cucumber, melon and squash seed. Write us before placing your contracts.
A. A. Berry Seed Co., Clarinda, Iowa.

Asparagus plumosus nanus seed, fresh, grown under glass, 60c 100; $1.50 for 250; $4.00 for 1000; $10.00 for 5000.
H. F. Michell Co., 1018 Market St., Phila.

Asparagus plumosus nanus seed, new crop, $3.00 per 1000. Smilax seed, $1.00 per lb. Cash with order.
Cottage Nursery, San Diego, Cal.

Rawson's mammoth verbenas, unrivaled for size, beauty and variety of colors, ¼ oz., 30c; oz., $1.00.
W. W. Rawson & Co., Boston, Mass.

Ours are seeds of QUALITY and are ALWAYS RELIABLE. Wholesale catalogue for the asking.
Arthur T. Boddington, 342 W. 14th St., N. Y.

Leonard Seed Co.
Growers and Wholesale Merchants.
Leading Onion Set Growers.
79-81 E. Kinzie St., Chicago.

VELVET BEANS. We are headquarters. Write us now stating number of bushels wanted. Crenshaw Bros., Tampa, Fla.

Aster seed, Semple's shell-pink and white, the most beautiful asters grown, 40c oz., $5.00 lb.
A. W. Sampson, Penn Yan, N. Y.

75,000 Asparagus plumosus nanus seed, $2.50 per 1000, new crop, cash. Send for sample.
Wm. Linfoot, 317 N. Vermilion, Danville, Ill.

Asparagus plumosus nanus seed, home-grown, plump, prepaid, 50c 100; $4.00 1000.
A. J. Baldwin, Newark, Ohio.

Asparagus plumosus nanus seed, 75c 100; $4.50 1000; 5000 for $20.00.
D. U. Augspurger & Sons, Peoria, Ill.

Lawn grass seed in bulk and packages. Special price to dealers.
The Albert Dickinson Co., Chicago.

Wholesale price list of seeds for florists and market gardeners.
W. Atlee Burpee & Co., Philadelphia, Pa.

Asparagus plumosus nanus seed, $2.25 per 1000. Fresh seed.
Rees & Compere, R. D. 1, Long Beach, Cal.

Asparagus plumosus nanus seed, greenhouse grown, $4.50 1000.
S. S. Pennock, Philadelphia, Pa.

Asparagus seeds, 50c 100, $4.00 1000; 5000 for $18.75. Wm. F. Kasting, Buffalo, N. Y.

Asparagus plumosus nanus seed, new crop, 50c 100, $4.00 1000. Edw. Teas, Joplin, Mo.

Asparagus plumosus seed, 60c 100; $5.00 1000.
Faber Bros., Kankakee, Ill.

SHAMROCKS.

Irish shamrocks, grow from cuttings; very strong and fine; will be just right for St. Patrick's day. Price: $4.00 100, or 60c doz. by mail. John F. Rupp, Shiremanstown, Pa.

Irish shamrocks, $4.00 per 100; 60c per doz., by mail. S. T. Danley, Macomb, Ill.

BUSINESS BRINGERS—
REVIEW Classified Advs.

SMILAX.

Smilax, good heavy strings, 6 to 8 ft. long, 10c per string; $9.00 per 100. Cash.
Arthur L. Raub & Co., So. 4th St., Easton, Pa.

Smilax, 10,000 strong, bushy stock, 2½-in., $1.00 per 100; $9.00 per 1000.
J. C. Schmidt Co., Bristol, Pa.

Smilax from seed bed, 25c per 100; $2.00 per 1000, postage paid.
Harvey B. Snow, Camden, New York.

Smilax, 2¼-in., $2.00 100; $15.00 1000.
R. Vincent, Jr. & Son, White Marsh, Md.

STEVIAS.

Stevia, variegated, 2¼-in. pots, $2.00 100.
R. Vincent, Jr. & Son, White Marsh, Md.

STOCKS.

Ten weeks' stocks. White, cut-and-come-again, and blood-red, transplanted, 6 to 8 leaves, 75c 100, $7.00 1000.
Converse Greenhouses, Webster, Mass.

Stocks, 10 weeks, for Memorial day, 75c per 100; $6.00 per 1000. Cash, please.
H. Book, Worcester, Mass.

Stocks, double white, for Easter, $1.00 100, $8.00 1000.
S. Whitton, 15-17 Gray Ave., Utica, N. Y.

STRAWBERRY PLANTS.

Strawberry plants, millions of them. Price, $1.25 per 1000 and up. Send for list of varieties and prices. Rhubarb, $6.00 per 1000. Apple and pear trees cheap.
W. W. Thomas, The Strawberry Plant Man, Anna, Ill.

50,000 thoroughbred strawberry plants in 20 kinds, true to name; not low-priced stuff, but extra fine and strong, $1.00 per 100; half price by the 1000. Cash, or will exchange for H. P. roses. N. P. Colberg, Morris, Ill.

SUMACHS.

Cut-leaf, stag-horn sumach, large stock, 10c to 15c. Edw. Teas, Joplin, Mo.

VEGETABLE PLANTS.

TOMATOES—Earliana, Chalk's Early Jewell, Dwarf Stone, Dwarf Champion, etc., 30c per 100, $2.00 per 1000. Acme, Beauty, Stone, Perfection, etc., 25c per 100, $1.00 per 1000. Ready for transplanting.

CABBAGE—Early and Flat Dutch, Succession, L. I. Second Early, Jersey Wakefield, etc., 25c per 100, $1.00 per 1000, $8.50 per 10,000.

LETTUCE—Big Boston, Boston Market and Grand Rapids, 25c per 100, $1.00 per 1000.

PARSLEY—Moss curled, 25c per 100, $1.25 per 1000.

Cash with order.
See our flower plant adv. in this issue.
R. VINCENT, JR. & SON, White Marsh, Md.

Page 670, Review. Improved Lorillard tomatoes planted on all poorly paying benches will pay well this spring. Fine plants from 2½-in. pots, $2.00 a 100. Cash, please.
Roney Bros., West Grove, Pa.

Lettuce plants, Grand Rapids and Boston Market, $1.00 per 1000; $4.00 per 5000.
J. C. Schmidt Co., Bristol, Pa.

Lettuce plants, the leading kinds, 30c 100. $1.00 1000. Chas. Gay, Des Moines, Iowa.

Rhubarb, $6.00 per 1000.
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MEMORIES OF THE HOLLYHOCK.

It was in the early seventies, says a writer in the Gardeners' Chronicle, that the dread hollyhock disease (Puccinia malvacearum) was devasting the collections of plants about the country. One of the features of the fungus is its rapid germination, and in 1873-4 it appeared to be widely diffused all over Europe, and especially in this country. Nowhere was its virulence more severely felt than in the fine collection then in the possession of William Chater, at Saffron Walden. So destructive was it that I believe the catalogue Chater issued in the autumn of 1874 was the last the veteran distributed. It is a remarkable catalogue, as it contains the names of 109 varieties raised by Chater, and a few by the Rev. Edward Hawke. I have a vivid recollection of how these two celebrated growers of the hollyhock used to pit their strength against each other at Bishop Auckland in the class for twelve spikes; and such spikes! Shall we ever see the like again?

In 1842 Chater was gardener to a Squire Stephenson, at Stepleburntished, and becoming enamored of the hollyhock he began both to grow it and to raise new varieties. The first hollyhock which it is believed he had in his garden was Napoleon, yellow-and-red; it was of French extraction and rather double. Mr. Chater carefully fertilized this with one of the improved varieties raised by C. Baron, and the first variety he obtained from seed was named Comet, a rosy scarlet flower. Finding the hollyhock rising in popularity, Mr. Chater started in business at Saffron Walden in the early forties, and in 1844 or thereabouts he issued his first catalogue.

Meanwhile Adam Paul, of Cheshunt, was commencing to improve the flower, and raised some fine varieties, but W. Chater distanced all his competitors as a producer of fine seedlings. I visited him at the time the fungus was most destructive, and it was pitiable to see how the stock suffered, fine varieties becoming wholly extinguished, to the great grief of the veteran. Young stock in frames and growing plants went down before the ravages of the puccinia, never to rise again. Happily for the hollyhock and those who admire it, the flower is being re-established in public favor. A few of Mr. Chater's raising have survived, and now his successors, Messrs. Webb & Brand, are producing varieties of excellent properties from seed.

It was high cultivation which produced fine hollyhocks in the past, and will do so again. Old garden soil trenched two feet deep, and with the addition of plenty of well-decomposed manure, is favorable to the production of strong growth and fine flowers. It was an old practice to set out the plants in the open in the autumn; but if the soil is one retentive of moisture, wet is likely to be injurious in winter; while the hollyhock is a moisture-loving plant in summer. Old tufts which have flowered are left in the ground to procure stock, and the practice is resorted to of removing the mould round the neck of the plant to the width of six inches, and filling up with sand level with the surface, and then the action of wet and also of any harmful insects is not so injurious. Plants of fine varieties propagated in summer are best wintered in a cold frame, and then planted out in March and April; it has been found that they will bloom as finely and as early as when planted out in autumn.

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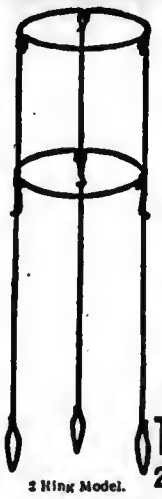
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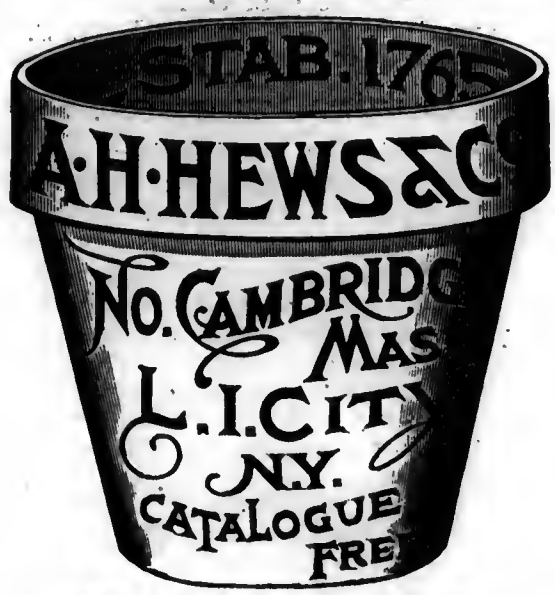
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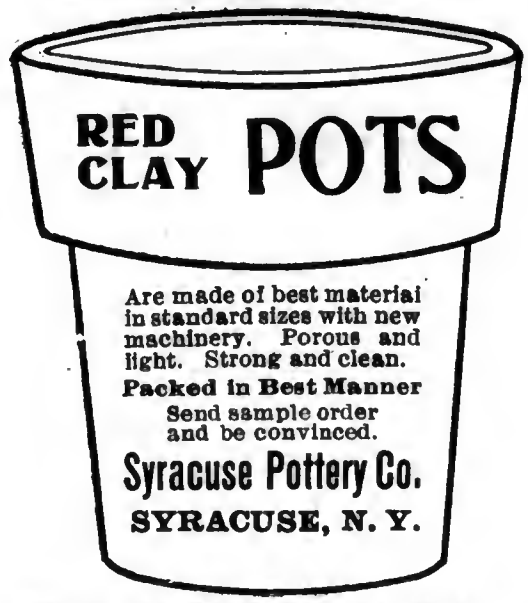
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HOLLOW BLOCKS FOR WALLS.

I want to inquire if any of the readers of the Review have had experience with greenhouse walls built of hollow concrete blocks? There is a concern in my town which makes a popular patent building block, using sharp sand and Portland cement. The blocks have open spaces and when laid up make what may well be called a hollow wall. The makers claim it to be nonporous and hence frost and dampness proof. The blocks are 8x9x24 inches and the makers claim it is cheaper than any other kind of good wall. Posts for gutter supports need be only about thirty inches long, 1½-inch pipe set into the wall and made secure by cement. I intend remodeling my houses and making some additions and want to use the best material. If anyone has used such hollow blocks for walls I should be glad to have him give his experience. J. H. S.

GLAZING AND PIPING.

I am thinking of building another house this spring and would like to know which you would recommend, butted or lapped glass? In my houses the putty does not stay; it falls out like flour. The new house is to be 18x70 and about ten feet to the ridge, running north and south. How many runs of pipe will be needed to maintain 60 degrees under Massachusetts weather conditions? The hole in the heater is for a 4-inch pipe. R. S. H.

In a humid climate like Massachusetts, where the mercury reaches a low degree several times during the winter, I do not think it would be wise to use butted glass. It is almost impossible to make a tight roof with butted glass. If good putty is used and the work is done during warm weather and the sash bars kept well painted both outside and inside there should be no difficulty in maintaining a tight roof with lapped glass. With lapped glass, however, no lap should be more than one-eighth of an inch wide. If I read your question aright, that you wish to use 4-inch pipe, six runs arranged so as to place a loop under each of the three benches will be sufficient to maintain a temperature of 60 degrees provided the furnace heats the water to 180 degrees. L. C. C.

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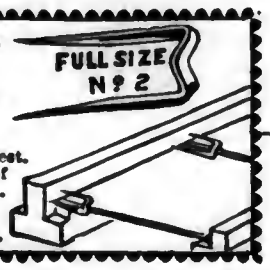


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